



**MILBANK**<sup>®</sup>  
ENERGY AT WORK



## Canadian Products



# Milbank Overview

*Energy At Work since 1927*

Milbank builds solutions that move power for the residential, commercial, industrial, utility and transportation sectors. Milbank combines more than 85 years of expertise in electrical engineering design and manufacturing with a commitment to develop and globally implement sustainable, integrated and intelligent power solutions. With 22 stocking locations across the U.S., and our OneSERT program to help during emergency situations, Milbank's portfolio includes electric metering systems, PowerGen™ industrial and standby generators, transfer switches, portable power and intelligent energy management solutions. A third-generation, family-owned business, Milbank is headquartered in Kansas City, Mo. For more information, please visit [milbankworks.com](http://milbankworks.com).



## METERING & ENCLOSURES

Milbank meter sockets have set the standard for quality since 1927. With a 99.97% quality performance rating, thousands of products to meet your utility's requirements and tens of millions of sockets installed across the globe, our products help keep energy at work. When it comes to enclosures, we offer a complete line of junction boxes, telephone cabinet covers, transformer cabinets, wireways, pushbutton enclosures, consoles and thermal management products. We specialize in custom-designed enclosures to fit your specific project.



## ENERGY MANAGEMENT

Milbank's PowerGen™ division is the go-to resource for any application involving backup power generation and intelligent energy management. Whether you're looking for an off-the-shelf product or a custom solution designed and built to project specifications, Milbank provides the tools you need to power on. Our broad portfolio of energy management solutions includes generators, transfer switches, enclosed controls and commercial pedestals for the recreational, residential, commercial and industrial markets.



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# Table of Contents

## Air Conditioner Disconnects

30 & 60 amp AC disconnects .....	5
----------------------------------	---

## Single Position Sockets

125 amp, 4 & 5 terminal, ring type.....	6
200 amp, 4 & 5 terminal, ring type .....	7-8
200 amp, 7 terminal, ring type .....	9

## Meter Mains

100, 150 & 200 amp, 4 terminal, ring type.....	10
--	----

## Multi-Position Sockets

125 amp, 4 terminal, ring type .....	11
--------------------------------------	----

## Current Transformers

20 amp, 5, 8 & 13 terminal, ring type.....	12
Test Switches.....	13

## Surface Mount Power Outlet

125 amp, 120/240 VAC .....	14
----------------------------	----

## Power Outlet Pedestals

125 amp, 120/240 VAC .....	15
----------------------------	----

## Miscellaneous

Lighting Accessories .....	16-17
Pedestal Mounting Accessories .....	18
Telecom Pedestal Accessories .....	19
Accessories .....	20-22
Energization of Electrical Equipment.....	23
Materials & Finishes.....	24

## Generator & Transfer Switches

Home Standby Generators .....	25-29
Commercial Standby Generators .....	30-35
Automatic Transfer Switches .....	36-38
Manual Transfer Switch.....	40-41

## Miscellaneous

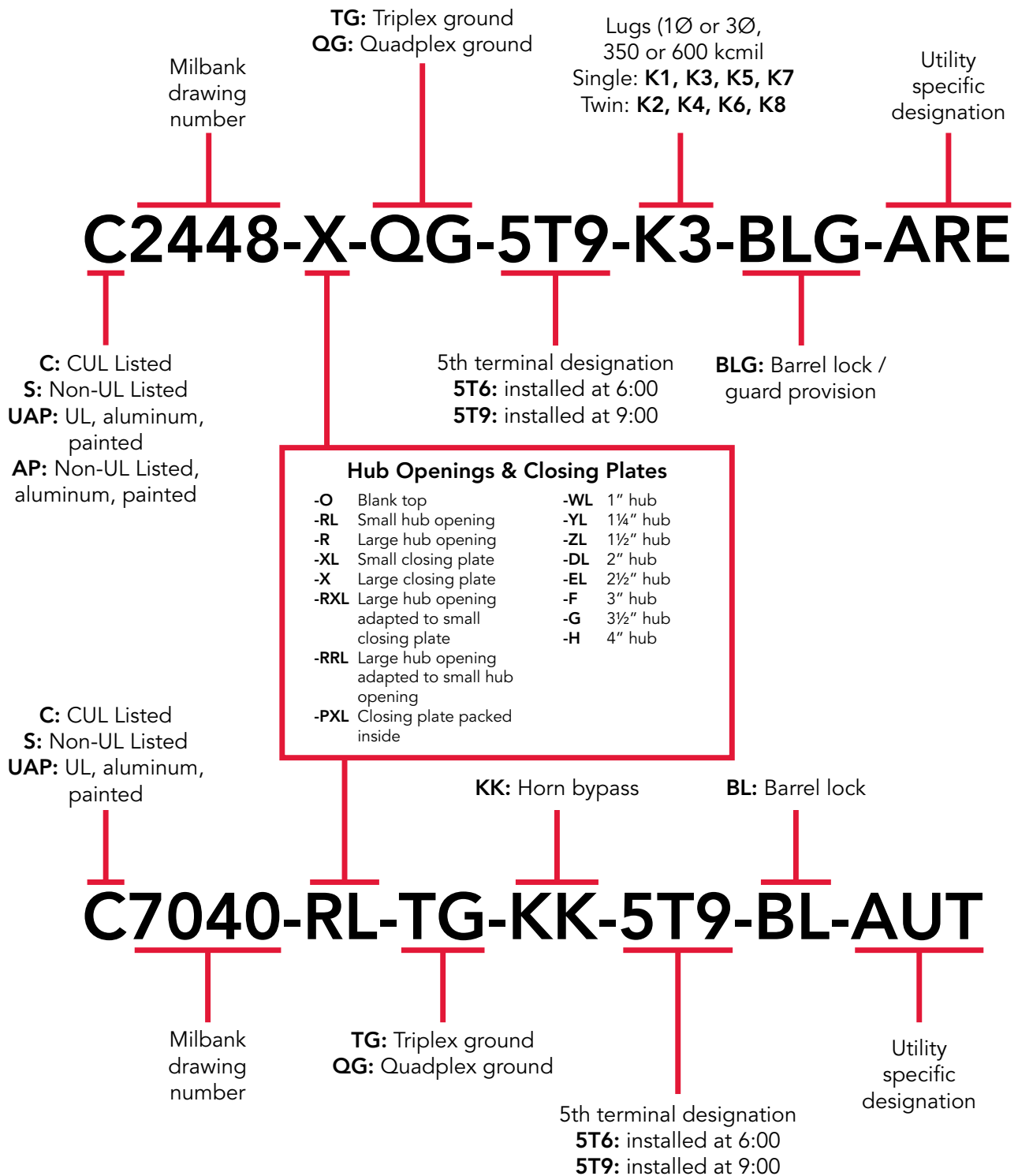
Index.....	42
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# Catalog Number Logic

How our product catalog numbers are derived



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# Air Conditioner Disconnects

30 & 60 amp | Fusible & Non-Fusible



**U3802**

**U3812**

**U3832**

Milbank's air conditioner disconnect has a removable hinged cover for ease of installation. Our compact design meets NEC wiring space requirements and also complies with NEC article 440-14. For safe working conditions, our disconnect pullers may be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. As with other Milbank products, our enclosure is constructed of G90U galvanized steel and electrostatically finished with an attractive, light gray, baked powder coating. Our epoxy/polyester resin blend offers a finish that is both durable and fade-resistant.

## 30-60 amp | 1Ø 240 VAC | Air Conditioner Disconnects

Catalog Number	amp	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
					CU	AL		D"	W"	H"	CU °C	AL °C
<b>U3802</b>	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
<b>U3812</b>	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
<b>U3832</b>	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	2½	5	7	60°/75°	60°/75°
<b>U3862</b>	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2½	5	9	60°/75°	60°/75°

### Notes

- UL listed as Enclosed Pullout Switch
- Type 3R rainproof
- One-inch concentric knockouts
- **CSA:** CSA listed and 100% dielectric tested.
- **CUL:** UL listed for Canada as Meter Socket Series U200 – UL file E30202.

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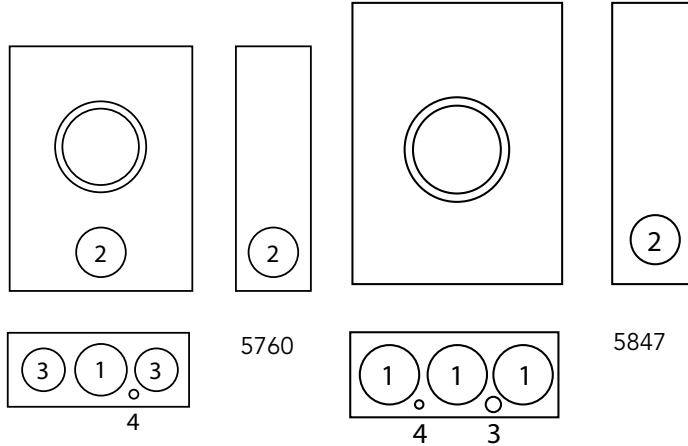


# Single Position Sockets

125 Amp | 4 & 5 Terminal | *Ring Type* | 600 VAC



**C5760-RL-TG**



125 Amp | 4 Terminal | *Ring Type*

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockout's			
			Line	Load		D"	W"	H"	1	2	3	
<b>C5804-XL</b>	OH/UG	C.P.	#6-350 kcmil		None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	2	2 $\frac{1}{2}$	
<b>C5760-RL-TG</b>	OH/UG	H.O.	#6-2/0		None	3 $\frac{5}{16}$	8	11 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}$

## Notes

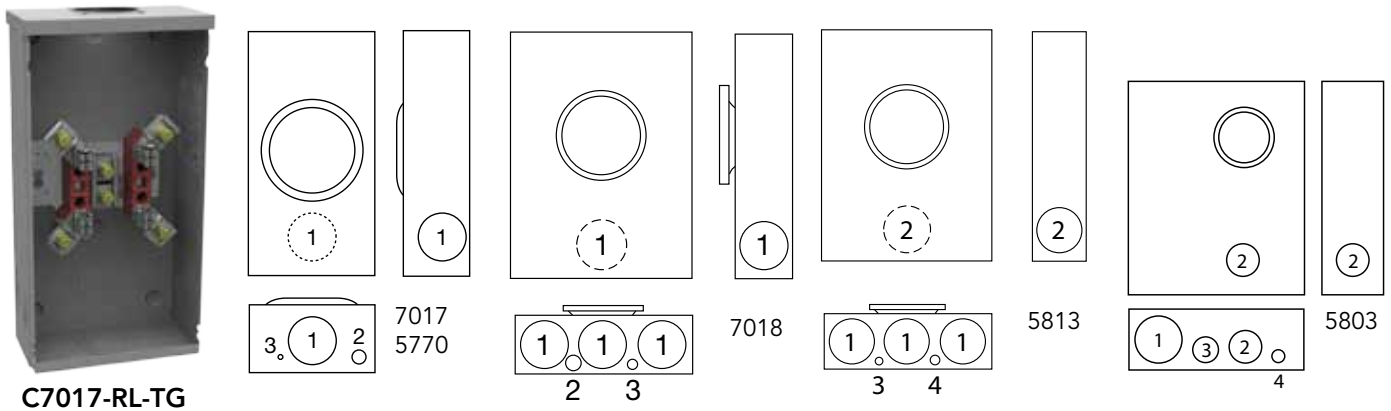
- **Hubs:** Hub is opening Canadian Standard 2 $\frac{1}{2}$ ". For proper hub selection see the hub suffix chart on the accessory page.
- **Fifth Terminal:** For field mounted fifth terminal order catalog number **5T8K2. (C5750) K5T (C5804)**
- **Connectors:** Extruded aluminum internal hex lay-in type connectors are tin plated. Units are supported with duplex neutral.
- **Triplex Ground (-TG):** Factory installed.
- **Sealing Rings:** *Ring type* units are supplied with **MR-4CDN** screw-type sealing ring (Robinson head) as standard.
- **CSA:** CSA listed and 100% dielectric tested.
- **CUL:** UL listed for Canada as Meter Socket Series U125 – UL file E30202.



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# Single Position Sockets

200 Amp | 4 & 5 Terminal | *Ring Type* | 600 VAC



## 200 Amp | 4 Terminal | *Ring Type*

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockout's			
			Line	Load		D"	W"	H"	1	2	3	4
C7017-RL-TG	OH	H.O.	#6-350 kcmil	#6-350 kcmil	None	4 1/8	8	15 1/2	2 1/2	1/2	1/4	—
C7018-XL-TG	OH/UG	C.P.	#6-350 kcmil	#6-350 kcmil	None	4 1/8	11	15 1/2	2 1/2	1/2	1/4	—
C5803-0*	UG	—	1/2" Stud	#6-350 kcmil	None	4 1/2	13	19	3	2 1/2	1 1/2	1/2

### Notes

- **Hubs:** Hub is opening Canadian Standard 2 1/2". For proper hub selection see the hub suffix chart in the accessory section.
- **Fifth Terminal:** For field mounted fifth terminal order catalog number **K5T**.
- **Connectors:** Extruded aluminum internal hex lay-in type connectors are tin plated, units are supported with duplex neutral.
- **Triplex Ground (-TG):** Factory installed.
- **Sealing Rings:** *Ring type* units are supplied with **MR-4CDN** screw-type sealing ring (Robinson head) as standard.
- **CSA:** CSA listed and 100% dielectric tested.
- **CUL:** UL listed for Canada as Meter Socket Series U200 – UL file E30202.
- **C5803-O:** is offset to right side for underground feed on left side. 1/2" line side studs

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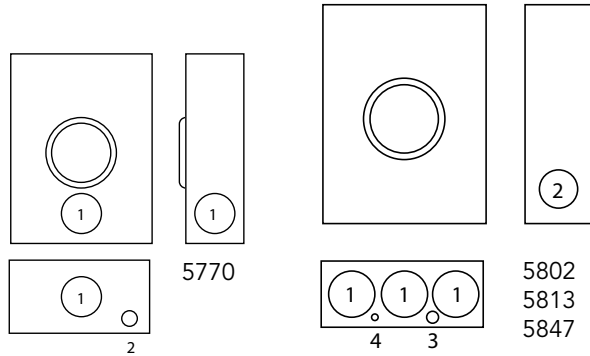


# Single Position Sockets

200 Amp | 4 & 5 Terminal | *Ring Type* | 600 VAC



**C5802-XL**



200 Amp | 4 Terminal | *Ring Type*

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
<b>C5770</b>	OH	H.O.	#6-350 kcmil		5½	8	15½	2½	½	—	—
<b>C5770-RL-TG</b>	OH	H.O.	#6-350 kcmil		5½	8	15½	2½	½	—	—
<b>C5802-XL</b>	OH/UG	C.P.	#6-350 kcmil		5	13	19	3	2½	½	¼
<b>C5813-X</b>	OH/UG	C.P.	#6-350 MCM		4¾	15	20½	3	2½	¼	½
<b>C5847-O</b>	UG	—	#6-350 kcmil		5	13	19	3	2½	½	¼

## Notes

- **Hubs:** Hub opening is Canadian Standard 2-1/2". For proper hub selection see the hub suffix chart on the accessory page.
- **Fifth Terminal:** For field mounted fifth terminal order catalog number **5T8K2** for **C5760**, **K5T** for **C5847**.
- **Connectors:** Extruded aluminum internal hex lay-in type connectors are tin plated. Units are supplied with duplex neutral.
- **Triplex Ground (-TG):** Factory installed.
- **Sealing Rings:** Ring type units are supplied with MR-4CDN screw-type sealing ring (Robinson head) as standard.
- **CSA:** CSA listed and 100% dielectric tested.
- **CUL:** UL listed for Canada as Meter Socket Series U200 – UL file **E30202**.



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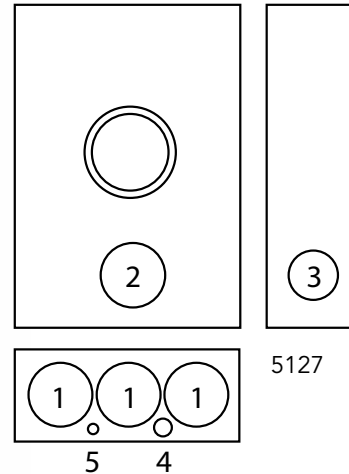


# Single Position Sockets

200 Amp | 7 Terminal | *Ring Type*



C5127-X



## 200 Amp | 7 Terminal | *Ring Type*

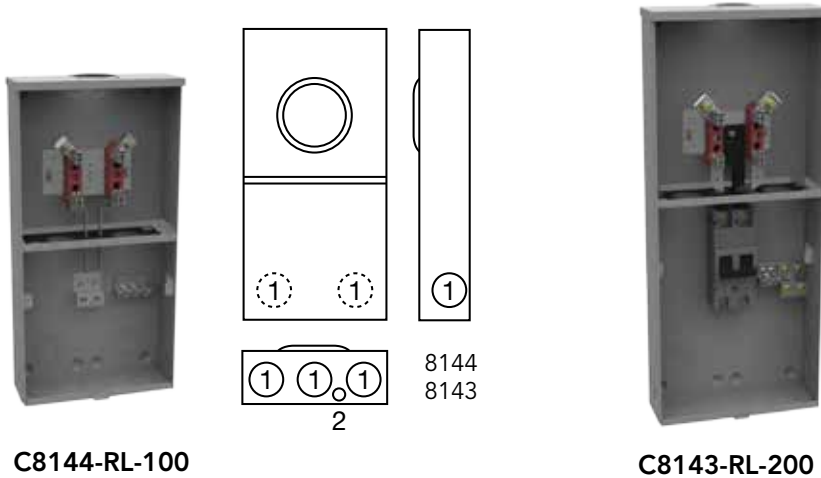
Catalog Number	Service	Hub	Connectors CU	Bypass	Dimensions			Knockouts				
					D"	W"	H"	1	2	3	4	5
C5127-X	OH/UG	C.P.	#6-350 MCM	None	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	3	$\frac{1}{2}$	$\frac{1}{4}$

### Notes

- **Hubs:** For proper hub selection refer to the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum internal hex lay-in type connectors are tin plated.
- **Sealing Rings:** *Ring type* units are supplied with **MR-4CDN** screw-type sealing ring (Robinson head) as standard.
- **CSA:** CSA listed and 100% dielectric tested.

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**C8144-RL-100**

**C8143-RL-200**

**100 Amp | 4 Terminal | Meter Main | Ring Type | Overhead / Underground | 1Ø3W**

Catalog Number	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
		Line	Load		D"	W"	H"	1	2
C8144-RL	H.O.	#6-2/0	Breaker	None	3¾	11	22	2	½
C8144-RL-100	H.O.	#6-2/0	#14-1/0	None	3¾	11	22	2	½

**200 Amp | 4 Terminal | Meter Main | Ring Type | Overhead / Underground | 1Ø3W**

Catalog Number	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
		Line	Load		D"	W"	H"	1	2
C8143-RL-200	H.O.	#6-350 kcmil	#1-300 kcmil	None	4⅞	12	29	2½	¼
C8143-RL-150	H.O.	#6-350 kcmil	#1-300 kcmil	None		12		2½	

## Notes

- **Hubs:** For proper hub selection refer to the hub suffix chart on the accessory page.
- **Sealing Rings:** Ring type units are supplied with **MR-4CDN** screw-type sealing ring (Robinson head) as standard.
- **Breakers:** Bolt-on circuit breakers are factory installed in the **C8143** series. The **C8144-RL** does not come with breakers unless specified on order and requires plug-in style. See rating label in **C8144** for approved plug-in breakers. The **C8144-RL-100** is supplied with factory installed 100 amp plug-in style breaker.
- **CSA:** CSA listed and 100% dielectric tested.

### BREAKER COMPATIBILITY CHART

Amp	Ring Type Catalog Number	Breaker
100	C8144-(*)	Q2100
150	C8143-(*)-150	UQFB-150-X1
200	C8143-(*)-200	UQFB-200-X1

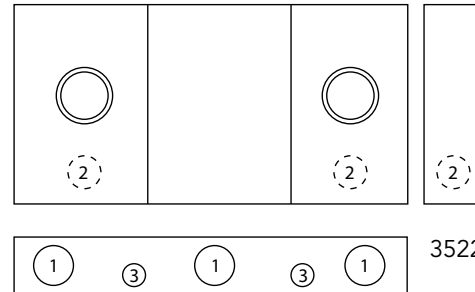
# Multi-Position Sockets

125 Amp | 4 Terminal | Horizontal Gangs | Ring Type | 300 VAC

**1 1**  
MULTI-POSITION  
SOCKETS



C3532-XL-K2



3522-26

125 Amp / Position | Continuous | 4 Terminal | Overhead / Underground | Ring Type

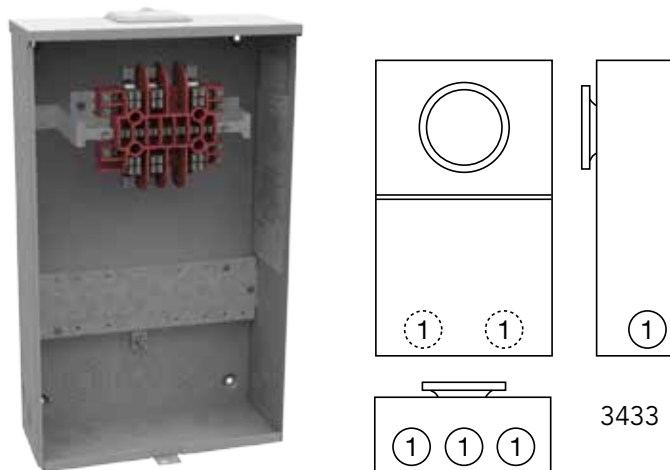
Catalog Number	No. of Pos.	Hub	Connectors CU/AL		By-pass	Dimensions			Knockouts		
			Line	Load		D"	W"	H"	1	2	3
C3522-XL-K1	2	C.P.	#6-350 kcmil	#6-2/0	None	4½	24½	14	2½	1½	½
C3523-XL-K1	3	C.P.	#6-350 kcmil	#6-2/0	None	4½	32½	14	2½	1½	½
C3524-XL-K2	4	C.P.	#6-350 kcmil	#6-2/0	None	4½	40⅞	14	2½	1½	½
C3525-XL-K2	5	C.P.	#6-350 kcmil	#6-2/0	None	4½	49⅞	16	2½	1½	½
C3526-XL-K2	6	C.P.	#6-350 kcmil	#6-2/0	None	4½	57¼	16	2½	1½	½

## Notes

- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **5T8K2** at 9 o'clock position.
- **Hubs:** For proper hub selection refer to the hub suffix chart on the accessory page.
- **Sealing Rings:** Ring type units are supplied with **MR-4CDN**, screw-type sealing ring (Robinson head) as standard.
- **CSA:** CSA listed and 100% dielectric tested.

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**C3433-O**

2 Piece Cover | *Ring Type* | With Provision For Test Switch

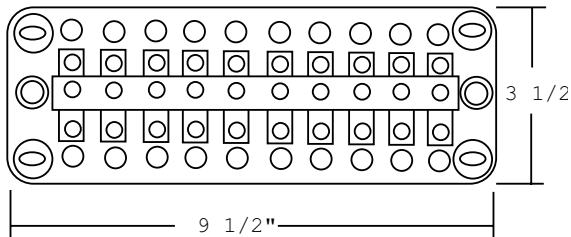
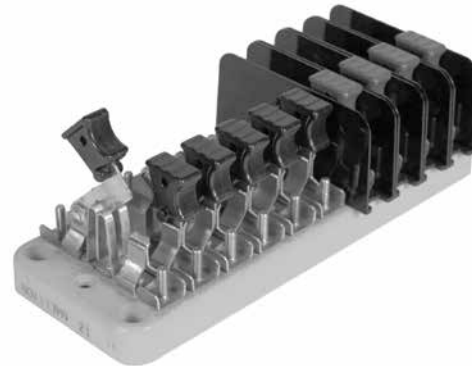
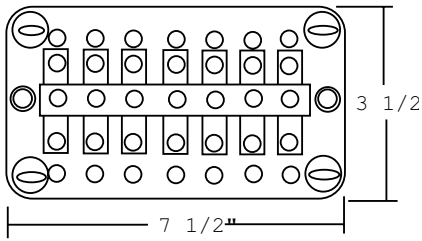
Catalog Number	No. of Terms	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts
						D"	W"	H"	
C3435-O	5	OH/UG	C.P.	#14 - #2 Max	None	5½	12	20	2
C3438-O	8	OH/UG	C.P.	#14 - #2 Max	None	5½	12	20	2
C3433-O	13	OH/UG	C.P.	#14 - #2 Max	None	5½	12	20	2

## Notes

- **Sealing Rings:** *Ring type* units are supplied with **MR-4CDN** screw-type sealing ring (Robinson head) as standard.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams on page 13 of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch model and number, and meter form number. Please be sure to provide a copy of your wiring diagram.
- **Test Switch Covers:** Units on this page can be used with clear lexan cover. Order **K3388** for T/ S cover.
- **Connectors:** Units are supplied with sleeve type connectors (#2 max).
- **CSA:** CSA listed and 100% dielectric tested.

# Current Transformer Test Switches

4, 7, & 10 Pole | 600 VAC | Per Ansi C12.9 Standard



Catalog Number	4-POLE						
TS04-0101	X	P	Pn	X	C+	C	X
TS04-0104	X	C+	C	X	P	Pn	X

KEY	
P	Potential Switch
C+	Line side current switch with short circuit assembly
C	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral potential switch
X	Unused position on base
	Line side current switch with short circuit assembly

Catalog Number	7-POLE						
TS07-0105	P	P	Pn	C+	C	C+	C

Catalog Number	7-POLE ON A 10-POLE BASE									
TS07-0049	P	X	P	X	Pn	X	C+	C	C	C+
TS07-0106	X	P	C+	C	P	C+	C	Pn	X	X

## Custom Pole Arrangements

The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch / shunt circuit assemblies are to be bussed together. The catalog numbers shown above are connected in line-load pairs; therefore, if bussed is required, different catalog numbers will apply.

Catalog Number	10-POLE									
TS10-0109	P	P	P	Pn	C+	C	C+	C	C+	C
TS10-0110	P	C+	C	P	C+	C	P	C+	C	Pn
TS10-0111	P	P	P	Pn	C	C+	C	C+	C	C+
TS10-0112	C+	C	C+	C	C+	C	P	P	P	Pn
TS10-0016	P	P	P	PN	C	C+	C	C+	C	C+

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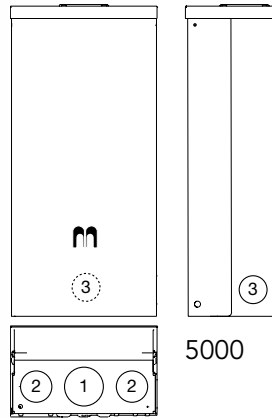


# Surface Mount Power Outlet

Millennium Series | 120/240 VAC



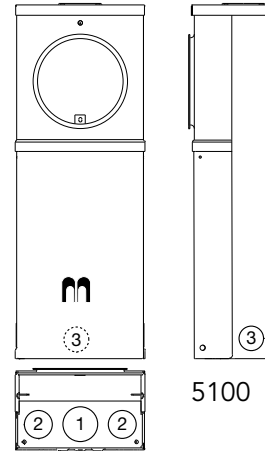
CU5000-XL-75



5000



CU5100-XL-75



5100

## 125 Amp | Surface Mount Power Outlets

Catalog Number	Metered/Unmetered	Receptacle Configuration	Circuit Breaker Configuration	Loop Feed	Connectors - Line	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
CU5000-XL	Unmetered	—	—	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
CU5000-XL-41	Unmetered	A	X	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
CU5000-XL-55	Unmetered	B	Y	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
CU5000-XL-75	Unmetered	C	Z	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
CU5100-XL	Metered	—	—	No	#6-250	5½	9⅞	25	2	1½	1¼
CU5100-XL-41	Metered	A	X	No	#6-250	5½	9⅞	25	2	1½	1¼
CU5100-XL-55	Metered	B	Y	No	#6-250	5½	9⅞	25	2	1½	1¼
CU5100-XL-75	Metered	C	Z	No	#6-250	5½	9⅞	25	2	1½	1¼

### Receptacle Configurations

A	B	C
(1) TT30R, (1) 5-20R GFI	(1) 14-50R, (1) 5-20R GFI	(1) 14-50R, (1) TT30R, (1) 5-20R GFI

**NOTE**

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

### Circuit Breaker Configurations

X	Y	Z
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

### Notes

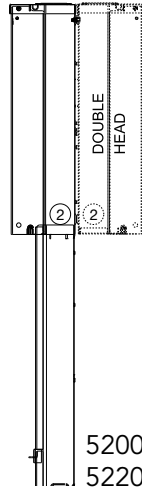
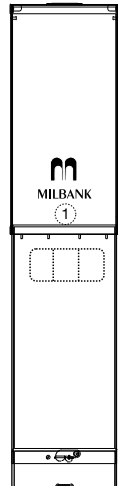
- CSA: CSA listed and 100% dielectric tested.



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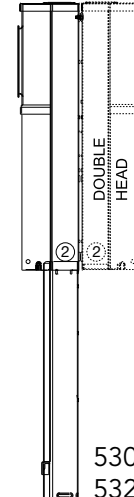
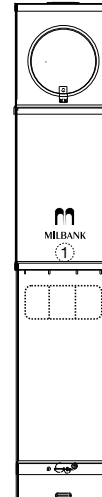
# Power Outlet Pedestals

Millennium Series | 120/240 VAC



5200  
5220

CU5200-XL-75



5300  
5320

CU5300-O-75

## 125 Amp | Power Outlet Pedestals | Direct Burial

Catalog Number	Double Head Catalog Number	Metered/Unmetered	Receptacle Configuration	Circuit Breaker Configuration	Dimensions			Knockouts
					D"	W"	H"	1
CU5200-XL	U5220-XL	Unmetered	—	—	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
CU5200-XL-41	U5220-XL-41	Unmetered	A	X	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
CU5200-XL-55	U5220-XL-55	Unmetered	B	Y	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
CU5200-XL-75	U5220-XL-75	Unmetered	C	Z	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
CU5300-O	U5320-O	Metered	—	—	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>
CU5300-O-41	U5320-O-41	Metered	A	X	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>
CU5300-O-55	U5320-O-55	Metered	B	Y	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>
CU5300-O-75	U5320-O-75	Metered	C	Z	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>

### Receptacle Configurations

A	B	C
(1) TT30R, (1) 5-20R GFI	(1) 14-50R, (1) 5-20R GFI	(1) 14-50R, (1) TT30R, (1) 5-20R GFI

### Circuit Breaker Configurations

X	Y	Z
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

### NOTE

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

Pad mount is available. Contact factory for information.


### Notes

- **CSA:** CSA listed and 100% dielectric tested.


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.




### Internal LED Light Kits for **Unmetered** Power Outlets (U5000 & U5200)

<b>Application</b>	Internal light kit for unmetered power outlets	
<b>LED Features</b>	<p><b>Includes new LED light</b>, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately.</p> <p>Cover on unmetered power outlet is 19<math>\frac{1}{8}</math>" in height.</p>	
<b>Ordering</b>	<p>Order with <b>-LD</b> suffix (after catalog number) for factory installed.</p> <p>Order catalog number <b>K6212</b> for field installed.</p>	

### Internal Florescent Light Kits for **Unmetered** Power Outlets (U5000 & U5200)

<b>Application</b>	Internal light kit for unmetered power outlets	
<b>Fluorescent Features</b>	<p>Includes 5-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately.</p> <p>Cover on unmetered power outlet is 19<math>\frac{1}{8}</math>" in height.</p>	
<b>Ordering</b>	<p>Order with <b>-L</b> suffix (after catalog number) for factory installed.</p> <p>Order catalog number <b>K5411</b> for field installed.</p>	

### Photoelectric Light Control Kit

<b>Application</b>	Photoelectric light control kit for <b>K5411</b> light kits.	
<b>Features</b>	2.5 amp, 120 volt photo electrical control wired in series with <b>K5411</b> light kits.	
<b>Ordering</b>	<p>Order with <b>-LPC</b> suffix for factory installed light and PE control.</p> <p>Order catalog number <b>K5413</b> for field installed.</p>	

### WARNING!


Always disconnect power prior to installing these devices.




# Lighting Accessories


For Millennium Series Products

## Internal Light Kits for Metered Power Outlets (U5100 & U5300)

<b>Application</b>	Internal light kit for metered power outlets	
<b>LED Features</b>	<p><b>Includes new LED light</b>, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order Q120 separately.</p> <p>Cover on metered power outlet is 15¼" in height.</p>	
<b>Ordering</b>	<p>Order with -LD suffix (after catalog number) for factory installed.</p> <p>Order catalog number <b>K6213</b> for field installed.</p>	

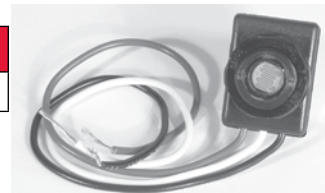
<b>Application</b>	Internal light kit for metered power outlets	
<b>Fluorescent Features</b>	<p>Includes 5-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately.</p> <p>Cover on metered power outlet is 15¼" in height.</p>	
<b>Ordering</b>	<p>Order with -L suffix (after catalog number) for factory installed.</p> <p>Order catalog number <b>K5412</b> for field installed.</p>	

## Photoelectric Light Control Kit

<b>Application</b>	Photoelectric light control kit for <b>K5412</b> light kits.	
<b>Features</b>	2.5 amp, 120 volt photo electrical control wired in series with <b>K5412</b> light kits.	
<b>Ordering</b>	<p>Order with -LPC suffix for factory installed light and PE control.</p> <p>Order catalog number <b>K5413</b> for field installed.</p>	

### WARNING!

Always disconnect power prior to installing these devices.



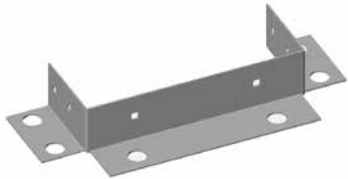
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.



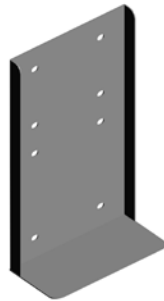
# Pedestal Mounting Accessories

*For Millennium Series Products*

## Field-Installed Pad Mount Kit

<b>Application</b>	Field installed pad mount kit with (6) ¾" mounting holes.	
<b>Features</b>	Includes ¼-20 stainless steel hardware to attach pad mount base to post.  Anchor bolt kit sold separately (order catalog number <b>K5421</b> ).	
<b>Ordering</b>	Order catalog number <b>K5410</b> .	

## Stabilizer Foot with Hardware

<b>Application</b>	Stabilizes direct burial type posts in unstable soil conditions.	
<b>Features</b>	Includes ¼-20 hardware to attach to <b>U5200</b> and <b>U5300</b> pedestals.	
<b>Ordering</b>	Order catalog number <b>K5415</b> .	


# Telecom and Pedestal Accessories

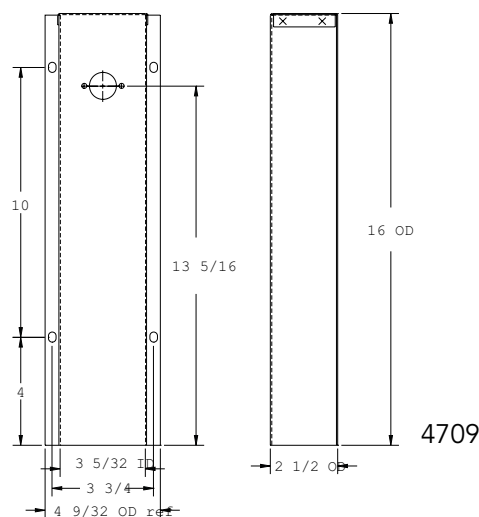
For Millennium Series Products

## Telephone and Cable TV Kit

<b>Application</b>	Mounts to rear of pedestal series <b>U5200</b> and <b>U5300</b> . May also be adaptable to a wooden or similar structure.	 <p><b>K4709-02-3R</b>    <b>K4709-02</b></p>
<b>Features</b>	<p>Single: 16" galvanized raceway, (1) RJ11 telephone jack and (1) Type F coaxial CATV jack.</p> <p>Dual: 16" galvanized raceway, (2) RJ11 telephone jacks and (1) Type F coaxial CATV jack.</p> <p>Includes mounting hardware and instructions.</p>	
<b>Ordering</b>	Single line telephone and cable TV kit order <b>K4709-02</b> .	
<b>Note</b>	Confirm acceptability with Cable TV and Telephone provider before ordering or installing these devices.	

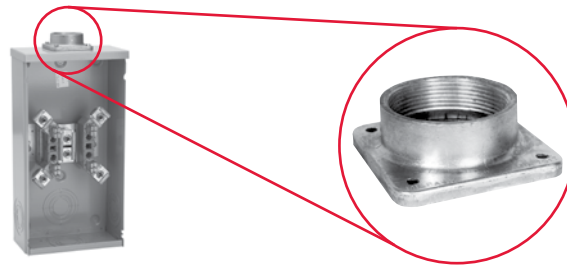
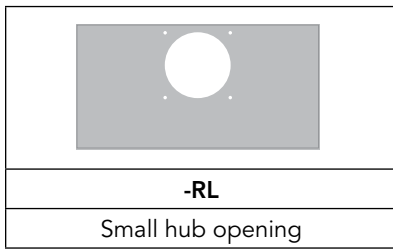
## Water Shroud with Hardware

<b>Application</b>	Used to cover water pipe and provide means to mount hose bib to rear of pedestal.	
<b>Features</b>	<p>Includes mounting hardware and instructions.</p> <p>Matches <b>K4709</b> kits when mounted side-by-side.</p>	
<b>Ordering</b>	Order catalog number <b>K4709-WS</b> .	

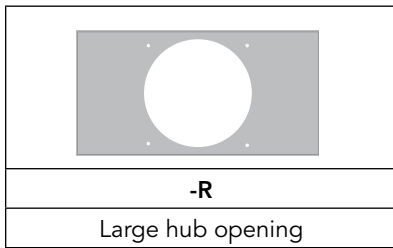


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.





<b>-WL</b>   <b>A7514</b>	<b>-YL</b>   <b>A7515</b>	<b>-ZL</b>   <b>A7516</b>	<b>-DL</b>   <b>A7517</b>	<b>-EL</b>   <b>A7518</b>	<b>-XL</b>   <b>A7551</b>
1" hub	1¼" hub	1½" hub	2" hub	2½" hub	Small closing plate



<b>-F</b>   <b>A8110</b>	<b>-G</b>   <b>A8111</b>	<b>-H</b>   <b>A8112</b>	<b>-X</b>   <b>A9064</b>	<b>-RRL</b>   <b>S8324</b>
3" hub	3½" hub	4" hub	Large closing plate	Large hub opening adapted to small hub opening

### Notes

- **Suffix:** Add to catalog number for factory installation of hub.
- **Packaging:** Individually packed units for field installation.
- **Abbreviations:** H.O. (hub opening), C.P. (closing plate).





Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.

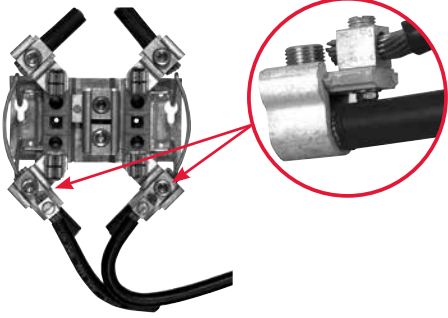
# Accessories

## Fifth Terminals, Tap Connectors & Block Assemblies

### Fifth Terminals

	
<p><b>5T8K2</b> - 100-200 Amp "Plug-In"</p>	<p><b>K5T</b> - 200 Amp (Block with Square Hole)</p>

### Tap Connectors (3 per set)

	<p>Replaces the load or line side slide-in nut assembly on Milbank 200 amp sockets. Allows for a 100 amp tap location in addition to the #6-350 kcmil load-side connector. <b>K5022</b> includes safety barrier extensions for applications over 300 VAC. Three lugs per kit.</p>
<p><b>K4977-INT</b> - Internal Hex</p>	
<p><b>K4977-EXT</b> - External Hex</p>	
<p><b>K5022-INT</b> - Internal Hex (set of 4 w/ barrier)</p>	

### Triplex Ground




<p><b>K1190</b> (For factory installed triplex ground, add suffix -TG to catalog number)</p>

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.



## Connector Kits, Closing Kits & Generator Interlock

### Connector Kits — For Use with 3/8"-16 Stud Type Units Only

					
Single			Twin		
Suffix	Part #	(3 per set) - 1Ø	Suffix	Part #	(3 per set) - 1Ø
K1	<b>K1539</b>	6-350	K2	<b>K1350</b>	6-350
K3	<b>K1540</b>	4-600 or (2) 1/0-250*	K2L	<b>K1350L</b>	6-350 (non rotating)
K3L	<b>K1540L</b>	4-600 or (2) 1/0-250* (non rotating)	K4	<b>K1541</b>	4-600
Suffix	Part #	(4 per set) - 3Ø	Suffix	Part #	(4 per set) - 3Ø
K5	<b>K3082</b>	6-350	K6	<b>K3442</b>	6-350
K7	<b>K3441</b>	4-600 or (2) 1/0-250*	K8	<b>K3083</b>	4-600

\*For (2) 1/0-250, conductors must be of same size.

### Bypass Link





**K8180** (sold in pairs)

### Note

Consult factory for proper connector kits for studded meter sockets.

### Closing Covers

	
Meter Closing Plate (Ring Type / Ringless)	Metal Closing Plate (For Ringless Sockets)
<b>6003</b> - Grey Plastic	<b>CP-21</b>
<b>6116</b> - Clear Plastic	

# Energization of Electrical Equipment

## Important Information for Installers

### Important Note

In addition to national and local electrical codes, many utilities have specific requirements for metering equipment. Always consult the serving utility for their specifications and requirements prior to ordering or installing Milbank meter mounting equipment.

### Before Energizing

- A. Give equipment a thorough visual examination to determine that:
  - 1) No shipping or installation damage exists.
  - 2) Proper clearances have been maintained.
  - 3) All connections have been made.
  - 4) Equipment is clean and dry.
- B. Make a thorough examination to:
  - 1) Verify tightness of all bolted connections (see table below).
  - 2) Manually operate all circuit breakers, switches, relays, etc.
  - 3) Check rigidity of all mountings, bus bars and components.
  - 4) Use test equipment to check continuity of circuitry and integrity of insulation.
- C. All switches and circuit breakers should be in the "off" position.
- D. Verify that manual meter bypass (if applicable) is in non-bypass position.
- E. Install cover and/or close doors.
- F. If installation is not being energized at this time, follow "after-energizing" steps listed below. These steps will secure the installation in case of accidental energization.

### When Energizing

- A. Use caution and follow established safety procedures:
  - 1) Wear safety apparel.
  - 2) Use safety equipment.
  - 3) Take action to prevent injury to yourself and others in the event of failure of the installation.
  - 4) Take action to prevent/decrease damage to property in the event of failure of the installation.
  - 5) If you are unsure how to safely energize the installation, get someone who is knowledgeable to do it.

### After Energizing

- A. Secure the installation:
  - 1) To prevent accidental contact with energized parts, cover all openings with approved filler devices.
  - 2) To prevent unauthorized access, secure all covers and/or doors with approved security devices.
  - 3) Attach/post information to advise others of potential hazards associated with the installation.

### Recommended Torque for General Applications\*

Nominal Size	Joint Description		Head Type	Torque (Inch Lbs.)
	Screw	Nut		
10	Brass	Brass Nut or Extruded Hole	All	20-25 inch lbs.
10	Steel	Copper or Aluminum Busbar $\leq$ 1/8"	All	25-30 inch lbs.
10	Steel	Steel Nut or Extruded Hole; CU or AL Busbar $>$ 1/8"	All	30-35 inch lbs.
12	Steel	Aluminum Extruded Hole	All	30-35 inch lbs.
12	Steel	Steel Nut or Extruded Hole	All	40-50 inch lbs.
1/4	Steel	Aluminum Extruded Hole	All	40-50 inch lbs.
1/4	Steel	Steel Nut or Extruded Hole; CU or AL Busbar	All	50-60 inch lbs.
5/16	Steel	Aluminum Extruded Hole	Hex	60-70 inch lbs.
5/16	Steel	Steel Nut or Extruded Hole; CU or AL Busbar	Hex	100-150 inch lbs.
3/8	Steel	Steel Nut	Hex	150-200 inch lbs.
1/2	Steel	Steel Nut	Hex	200-250 inch lbs.

\* Interior labels typically indicate the required torque for wire connectors and studs, and should be referenced first.  
**CU:** Copper  
**AL:** Aluminum

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.



## Materials

### Steel Quality

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The meter equipment listed in this catalog is made of galvanized steel (AISI\* G90) to afford the best possible weather proofing.  
\*American Iron and Steel Institute.

### Steel Sheet

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16 gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated. (AISI G90)  
14 gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated.

### Aluminum Extrusion

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Wire-Terminals: Alloy; 6061-T6, Tin-plated for CU/AL wire.  
Bus Bar: Alloy; 6101-O & 6063-O

### Aluminum Sheet

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3000 series aluminum sheet, H14, or 5052 series aluminum sheet, H32. Where applicable thicknesses range from .064-.125

### Copper Sheet & Bus

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Electrolytic copper with tin plating in most applications.

### Insulating Materials

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- In most units, support bases for current-carrying components are molded from fiberglass reinforced high-strength, track resistant, thermoset polyester molding compounds.
- Clear or black safety shields and polarity barriers are molded from high-strength, track resistant, polycarbonate molding compounds.
- Various sheet insulating materials, as appropriate for the application are utilized in the fabrication of flat, formed and punched component parts and barriers.

## Finish

### Process

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Light gray state-of-the-art electrostatically applied powder paint offers a durable, non-fading finish. For further information concerning the chemical analysis of the weather resistant finish, please contact the factory.

### Metal Fasteners

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Zinc-coated with a chromate dip.

## Ratings & Compliance

### Ratings & Compliance

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All Milbank electrical enclosures in this catalog are rated "Type 3R Enclosure" unless specified otherwise on the product's page. All enclosures with a UL designation are constructed per the appropriate UL Standard and may be installed per the National Electric Code. UL procedure files associated with the UL Standards are listed as follows: Meter Sockets (UL 414, File E30202), Test Switches (UL 414, File E62531), Power Outlets (UL 231, File E90945), Panelboards (UL 67, File E32628) and Pullout Switches (UL 1429, File E133062). Additional standards are utilized as applicable: Meter Sockets (ANSI C12.7), Test Switches (ANSI C12.9) and Panelboards (NEMA PB-1).



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.



# 8 & 10kW

## Home Standby Generators

**25**  
HOME STANDBY  
GENERATORS

### MODELS

#### 8kW<sup>1</sup> | MG08001

Keep essential appliances powered with the 8kW<sup>1</sup> generator connected to pre-selected circuits.

#### 10kW<sup>1</sup> | MG10002

Power the essentials and more with the 10kW<sup>1</sup> paired with Milbank's automatic transfer switch. Utilizing our Power Management Technology, the automatic transfer switch allows for flexible management of electricity and appliances - all while using a smaller, more fuel-efficient generator.

### FEATURES

**More Power in a Smaller Generator** – The compact 8<sup>1</sup> and 10kW<sup>1</sup> standby generator is one of the most powerful units of its kW class with higher power output per square inch of its footprint – providing backup electricity to more of your household appliances.

**Homeowner Safety & Protection** – We take protection to a whole new level - the 8kW<sup>1</sup> and 10kW<sup>1</sup> come with an external, automatic gas shut-off valve, low pressure regulator and a thermally-protected fuel system which automatically shuts down the unit during an emergency (not found on any other competing generator in its class).

**Comprehensive Warranty** – Both the 8kW<sup>1</sup> and 10kW<sup>1</sup> units include a three-year, comprehensive parts and labor warranty<sup>2</sup>. At Milbank, we stand behind our products (for more than 85 years!), making it easy for our customers to work with us.

**Flexible Placement<sup>3</sup>** – Tested against the tough National Fire Protection Agency 37 standard, Milbank 8<sup>1</sup> & 10kW<sup>1</sup> standby generators can be placed as close as 18" from the home providing more placement options in your yard– perfect for tight lot lines.



**Durable Enclosure & Base** – Our enclosures are made from the same rust-resistant, durable Galvanneal steel that is found in the automotive industry and features an automotive-grade paint process which results in protection against chipping and abrasions. Our enclosures and base can endure temperatures of more than double that of aluminum and plastic.

**Innovative Airflow Technology** – With the engine and alternator intakes located in the rear, front ventilation pushes the heat and carbon monoxide away from the house - protecting homes, shrubs and landscaping from damage.

**Low Pressure, No Problem** - No need to worry if you live in an area with low gas pressure. Milbank generators are rated for 5" to 7" water column but can be as low as 3.5" with proper accommodations.

**Easy Wireless Monitoring** - Simple, trouble-free monitoring is a reality with our optional Basic Wireless Monitor (sold separately).



<sup>1</sup>This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators). <sup>2</sup>Warranty details are available at milbankworks.com. <sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.



## MODELS

### 12kW<sup>1</sup> | MG12003

Bigger isn't always better - especially when it comes to whole-house power. Ideal for small- to medium-sized homes, the 12kW<sup>1</sup> generator can intuitively power the whole house when paired with a Milbank automatic transfer switch.

## FEATURES

**Premium Vanguard™ Engine** – You asked, we answered. And brought the Briggs & Stratton commercial grade Vanguard™ engine back to Milbank's 12kW<sup>1</sup> generator. Vanguard™ engines are designed and engineered to provide long-lasting, reliable power.

**Minimal Footprint** – Its streamlined, compact design offers the smallest footprint among the competition in the 12kW size range (18.1ft<sup>3</sup>), and is 50% smaller than our previous model.

**Comprehensive Warranty<sup>2</sup>** – The 12kW<sup>1</sup> unit includes a four-year limited warranty<sup>2</sup> - one of the best comprehensive parts and labor warranties in the industry. At Milbank, we stand behind our products (for more than 85 years!), making it easy for our customers to work with us.

**Flexible Placement<sup>3</sup>** – Tested against tough National Fire Protection Agency standards, the Milbank 12kW<sup>1</sup> standby generator can be placed as close as 18" from the home, providing more placement options in your yard - perfect for tight lot lines.

**Homeowner Safety & Protection** – We take protection to a whole new level - the 12kW<sup>1</sup> comes with an external, automatic gas shut-off valve, low pressure regulator and a thermally-protected fuel system which automatically shuts down the unit during an emergency (not found on any other competing generator in its class).



**Power Management Technology** – Partner with an automatic transfer switch to manage up to two load-dependent air conditioner units: 3-ton air conditioners for 10kW and 4-ton air conditioners for 12kW<sup>1</sup>.

**Durable Enclosure & Base** – Our enclosures are made from the same rust-resistant, durable Galvanneal steel that is found in the automotive industry and features an automotive-grade paint process which results in protection against chipping and abrasions. Our enclosures and base can endure temperatures of more than double that of aluminum and plastic.

**Low Pressure, No Problem** - No need to worry if you live in an area with low gas pressure. Milbank generators are rated for 5" to 7" water column but can be as low as 3.5" with proper accommodations.

**Quiet Operation** – The 12kW<sup>1</sup> is now 8% quieter than previous models. Its fully electric governing system creates a quieter more durable generator, allowing your customers to live their lives uninterrupted.

**Lightweight Composition** – Weighing in at a mere 316 pounds, this generator boasts the lowest weight among the competition in the 12kW size range - ideal for fast and easy installation.



<sup>1</sup>This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators). <sup>2</sup>Warranty details are available at milbankworks.com. <sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home. | Actual product may vary from image. | Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. | Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.

# 17 & 20kW

## Home Standby Generators

**27**  
HOME STANDBY  
GENERATORS

### MODELS

17kW<sup>1</sup> | MG17001

20kW<sup>1</sup> | MG20003

Innovative and intelligent, the 17<sup>1</sup> & 20kW<sup>1</sup> deliver the high performance homeowners expect. The unique airflow technology coupled with sound-dampening compressed fiberglass make these some of the quietest generators in the industry, a diplomatic choice to keep neighbors happy.

### FEATURES

**Built for High-Performance** – These units are built with the extremely reliable Briggs & Stratton Commercial Grade Vanguard Engine. Proven in applications around the world, Vanguard's OHV technology provides superior balance, low vibration and emissions, and better fuel economy. Our electronic governors also provide stable, consistent power for sensitive electronics and today's most advanced appliances.

**Comprehensive Warranty<sup>2</sup>** – Both the 17kW<sup>1</sup> and 20kW<sup>1</sup> units include a four-year limited warranty<sup>2</sup> - one of the best comprehensive parts and labor warranties in the industry. At Milbank, we stand behind our products (for more than 85 years!), making it easy for our customers to work with us.

**Durable Enclosure & Base** – Our enclosures are made from the same rust-resistant, durable Galvanneal steel that is found in the automotive industry and features an automotive-grade paint process which results in protection against chipping and abrasions. Our enclosures and base can endure temperatures of more than double that of aluminum and plastic.

**Homeowner Safety & Protection** – We take protection to a whole new level - the 17kW<sup>1</sup> and 20kW<sup>1</sup> come with an external, automatic gas shut-off valve,



low pressure regulator and a thermally-protected fuel system which automatically shuts down the unit during an emergency (not found on any other competing generator in its class). These units also feature a corrugated metal fuel hose for safer operation.

**Flexible Placement<sup>3</sup>** – Tested against the tough National Fire Protection Agency 37 standard, Milbank 17<sup>1</sup> & 20kW<sup>1</sup> standby generators can be placed as close as 18" from the home providing more placement options in your yard\*– perfect for tight lot lines.

**Innovative Airflow Technology** – This feature provides better efficiency and longer life, and makes the 17<sup>1</sup> & 20kW<sup>1</sup> our quietest generators. With the engine and alternator intakes located in the rear, front ventilation pushes the heat and carbon monoxide away from the house - protecting homes, shrubs and landscaping from damage.

**Low Pressure, No Problem** - No need to worry if you live in an area with low gas pressure. Milbank generators are rated for 5" to 7" water column but can be as low as 3.5" with proper accommodations.

**4 YEAR WARRANTY**

ASSEMBLED IN THE  
**USA**



<sup>1</sup>This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators). <sup>2</sup>Warranty details are available at milbankworks.com. <sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.



MODEL NUMBER	MG08001 8kW	MG10002 10kW
Watts LP/NG	8,000W (LP) / 6,000W (NG)	10,000W (LP) / 9,000W (NG)
Main Breaker (Amps)	35	50
Amps LP/NG	33.3 / 29.9	41.7 / 37.5
Voltage	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf
Alternator	Brushed	Brushed
Harmonic Distortion	Less than 5%	Less than 5%
Voltage Regulation	Automatic	Automatic
Fuel Type	Propane (LP), Natural Gas	Propane (LP), Natural Gas
Sound Rating (at 7 Meters)	76.8 dB	72.3 dB
Full Pressure Lubrication	Yes	Yes
Overcrank Protection	Yes	Yes
Dimensions (in inches: L x W x H)	28 x 24.4 x 35.1	28 x 24.4 x 35.1
Weight (Generator Only)	252 lbs	272 lbs
Orientation	Vertical	Vertical
Limited Warranty*	3 year P/L (limited)	3 year P/L (limited)
NFPA-37 Compliant	Yes	Yes
Cold Weather Kit	MG626201(sold separately)	MG111102 (sold separately)
Maintenance Kit	MG080022 (sold separately)	MG101222 (sold separately)
Turnkey Extras Included	Hour Meter, Battery Charger, Steel Base, External Automatic Shut-off Valve, Low Pressure Regulator, Thermally Protected Fuel System and Synthetic Oil	

FUEL CHARACTERISTICS		
Fuel Consumption   LP (at 1/2 load)	37.6 Ft <sup>3</sup> /Hr 1.04 Gal/Hr 94,000 BTU	42.8 Ft <sup>3</sup> /Hr 1.18 Gal/Hr 107,000 BTU
Fuel Consumption   NG (at 1/2 load)	94 Ft <sup>3</sup> /Hr 94,000 BTU	111 Ft <sup>3</sup> /Hr 111,000 BTU
Fuel Consumption   LP (at full load)	56.4 Ft <sup>3</sup> /Hr 1.57 Gal/Hr 141,000 BTU	65.6 Ft <sup>3</sup> /Hr 1.82 Gal/Hr 164,000 BTU
Fuel Consumption   NG (at full load)	121 Ft <sup>3</sup> /Hr 121,000 BTU	169 Ft <sup>3</sup> /Hr 169,000 BTU
Water Pressure * Requires extra accommodation	NG 3.5* to 7" LP 11" - 14"	NG 3.5* to 7" LP 11" - 14"

BATTERY REQUIREMENTS		
Volts (standard/cold start)	12 Volt DC	12 Volt DC
Minimum AMPS (standard/cold start)	540 CCA / 800 CCA	540 CCA / 800 CCA
Type	Wet Lead Acid	Wet Lead Acid
Terminal Hardware	Top Post Type	Top Post Type
Dimensions (Max)	BCI size 26 or 51 (BCI size 24 cold start, less than 32°F)	BCI size 26 or 51 (BCI size 24 cold start, less than 32°F)

ENGINE SPECIFICATIONS		
Engine	500 cc Briggs & Stratton Intek	570 cc Briggs & Stratton Commercial Vanguard™V-Twin
Cylinders	1 Cylinder - 4 Cycle	2 Cylinder - 4 Cycle
Operating RPM	3600	3600
California Compliant	Yes	Yes

These generators are rated in accordance with UL 2200 and CSA Standard C22.2 No. 100-04. Fuel consumption rates are estimated based on normal operating conditions. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances - fuel flow rates may vary depending on these factors. Installations must strictly comply with all applicable codes, industry standards, laws and regulations, installation manual. Other Generator/Automatic Transfer Switch manufacturers products are not compatible with Milbank Home Generator Systems. Improper installation voids all warranty. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. \*Current model available is 15kW CARB.

# Technical Specifications

MG12003 12kW	MG17001 17kW	MG20003 20kW
12,000W (LP) / 11,000W (NG)	17,000W (LP) / 15,300W (NG)	20,000W (LP) / 18,000W (NG)
60	80	100
50 / 41.7	67 / 60	83.3 / 75
120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf
Brushless	Brushed	Brushed
Less than 5%	Less than 5%	Less than 5%
Automatic	Automatic	Automatic
Propane (LP), Natural Gas	Propane (LP), Natural Gas	Propane (LP), Natural Gas
69dB @ NL	69.1 dB, 3600 RPM, per ISO 3744	69.1 dB, 3600 RPM, per ISO 3744
Yes	Yes	Yes
Yes	Yes	Yes
37.2"H x 24.5"W x 28"L	48 x 34 x 31	48 x 34 x 31
318 lbs	484 lbs	500 lbs
Vertical	Horizontal	Horizontal
4/4/4 yrs	4 year P/L (limited)	4 year P/L (limited)
Yes	Yes	Yes
MG111102 (sold separately)	MG623101 (sold separately)	MG623101 (sold separately)
MG121822 (sold separately)	MG151822 (sold separately)	MG151822 (sold separately)
Hour Meter, Battery Charger, Steel Base, External Automatic Shut-off Valve, Low Pressure Regulator, Thermally Protected Fuel System and Synthetic Oil, Wired Remote Status Monitor	Hour Meter, Battery Charger, Steel Base, External Automatic Shut-off Valve, Low Pressure Regulator, Thermally Protected Fuel System and Synthetic Oil 12002	
61.8 Ft <sup>3</sup> /Hr 1.70 Gal/Hr 155,000 BTU/Hr	74 Ft <sup>3</sup> /Hr 2.06 Gal/Hr 185,000 BTU	83 Ft <sup>3</sup> /Hr 2.31 Gal/Hr 207,500 BTU
116.9 Ft <sup>3</sup> /Hr 117,000 BTU/Hr	170 Ft <sup>3</sup> /Hr 70,000 BTU	187 Ft <sup>3</sup> /Hr 187,000 BTU
85.3 Ft <sup>3</sup> /Hr 2.3 Gal/Hr 209,000 BTU/Hr	118 Ft <sup>3</sup> /Hr 3.28 Gal/Hr 295,000 BTU	135 Ft <sup>3</sup> /Hr 3.75 Gal/Hr 337,500 BTU
197 Ft <sup>3</sup> /Hr 197,000 BTU	248 Ft <sup>3</sup> /Hr 248,000 BTU	260 Ft <sup>3</sup> /Hr 260,000 BTU
NG 3.5* to 7" LP 11" - 14"	NG 3.5* to 7" LP 11" - 14"	NG 3.5* to 7" LP 11" - 14"
12 Volt DC	12 Volt DC	12 Volt DC
540 CCA / 800CCA	540 CCA / 630 CCA	540 CCA / 630 CCA
Wt Lead Acid	Wet Lead Acid	Wet Lead Acid
Top Post Type	Top Post Type	Top Post Type
BCI size 26 (BCI size 24 cold start, less than 32 F)	BCI size 26 (BCI size 75 cold start, less than 32°F)	BCI size 26 (BCI size 75 cold start, less than 32°F)
Vanguard™	993 cc Briggs & Stratton Commercial Vanguard™ V-Twin	
2 Cylinder - 4 Cycle	2 Cylinder - 4 Cycle	2 Cylinder - 4 Cycle
3600	3600	3600
Yes	Yes	Yes

### MODELS

#### 25kW<sup>1</sup> | MG2524011BS

Help your customers protect their homes and families from power outages with Milbank's liquid-cooled 25kW<sup>1</sup> home generator system. Perfect for medium-to-large homes, we provide you with reliable power and flexible options to meet your customers' power needs.



### FEATURES

**Quality Power** – Constant, reliable power is delivered to sensitive appliances and electronics.

**Powerful and Reliable Engine** – The robust engine, built and tested to Briggs & Stratton quality and durability standards, delivers consistent performance resulting in the dependability you expect from a backup generator.

**User-friendly Controller** – Conveniently monitors diagnostic conditions, displays system service codes and sets weekly exercise cycle - all from an easy-to-read scrolling LED display.

**Easy to Service** – Convenient access to disassembly points for quicker trouble-free servicing. The hinged roof with gas shocks keep the roof open allowing for top down access to the engine. While the easy to remove side panels allow easy service access from the front and back.

**Durable Enclosure** – Rust-resistant, Galvanneal steel enclosures are made from the same materials and paint process used in the automotive industry, resulting in years of protection against chips and abrasions.

**Quick Response** – Automatically powers your home in seconds after sensing a power outage.

**4-Year Limited Parts and Labor Warranty** – At Milbank, we stand behind our warranty and make it easy for our customers to work with us.



<sup>1</sup>This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators). <sup>2</sup>Warranty details are available at milbankworks.com. <sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home. | Actual product may vary from image. | Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. | Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.

# 35kW

## Commercial Standby Generators

**31**  
COMMERCIAL  
STANDBY  
GENERATORS

### MODELS

#### 35kW<sup>1</sup>

Available in single phase and three phase models. Refer to specifications for model numbers.



### FEATURES

**Comprehensive Commercial Warranty** – Milbank offers a four-year limited warranty<sup>2</sup> that includes parts and labor. It's one of the most comprehensive warranties in the commercial standby power industry.

**Industrial-Grade GM Vortec™ Engine** – This world class four-cylinder GM Vortec™ engine operates at 1800 RPM - quieter and more fuel-efficient than 3600 RPM engines.

**Longer Product Life** – A commercial generator is a big investment. Designed for a longer life span, Milbank's commercial standby generators have lower engine/alternator speeds, limited temperature rise on the alternator, and corrosion-resistant, all-metal enclosures.

**Custom Built Options** – A complete line of commercial standby generators for light commercial applications with multiple voltage, configuration and controller options available.

**Easier to Service** – Convenient access points make it easier to service and provide immediate access to the entire engine without time-consuming disassembly.

**Corrosion-Resistant Enclosure** – Durable, all-metal enclosures are built to last protecting against extreme weather conditions and supported by the longest enclosure warranty in the industry.

**4 YEAR WARRANTY**



<sup>1</sup>This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators). <sup>2</sup>Warranty details are available at milbankworks.com. <sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.



## MODELS

### 48kW<sup>1</sup>

Available in single phase and three phase models. Refer to specifications for model numbers.



## FEATURES

**Comprehensive Commercial Warranty** – Milbank offers a four-year limited warranty<sup>2</sup> that includes parts and labor. It's one of the most comprehensive warranties in the commercial standby power industry.

**Industrial-Grade GM Vortec™ Engine** – This world class eight-cylinder GM Vortec™ engine operates at 1800 RPM - quieter and more fuel-efficient than 3600 RPM engines.

**Longer Product Life** – A commercial generator is a big investment. Designed for a longer life span, Milbank's commercial standby generators have lower engine/alternator speeds, limited temperature rise on the alternator, and corrosion-resistant, all-metal enclosures.

**Custom Built Options** – A complete line of commercial standby generators for light commercial applications with multiple voltage, configuration and controller options available.

**Easier to Service** – Convenient access points make it easier to service and provide immediate access to the entire engine without time-consuming disassembly.

**Corrosion-Resistant Enclosure** – Durable, all-metal enclosures are built to last protecting against extreme weather conditions and supported by the longest enclosure warranty in the industry.



<sup>1</sup>This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators). <sup>2</sup>Warranty details are available at milbankworks.com. <sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home. | Actual product may vary from image. | Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. | Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.



# 60&62kW

## Commercial Standby Generators

### MODELS

#### 60 and 62kW<sup>1</sup>

Available in single phase and three phase models. Refer to specifications for model numbers.



### FEATURES

**Comprehensive Commercial Warranty** – Milbank offers a four-year limited warranty<sup>2</sup> that includes parts and labor. It's one of the most comprehensive warranties in the commercial standby power industry.

**Industrial-Grade GM Vortec™ Engine** – This world class eight-cylinder GM Vortec™ engine operates at 1800 RPM - quieter and more fuel-efficient than 3600 RPM engines.

**Longer Product Life** – A commercial generator is a big investment. Designed for a longer life span, Milbank's commercial standby generators have lower engine/alternator speeds, limited temperature rise on the alternator, and corrosion-resistant, all-metal enclosures.

**Custom Built Options** – A complete line of commercial standby generators for light commercial applications with multiple voltage, configuration and controller options available.

**Power Management Technology** – Milbank's automatic transfer switch comes standard with our patented power management technology managing up to two load-dependent air conditioner units while keeping critical home or business applications powered.

**Easier to Service** – Convenient access points make it easier to service and provide immediate access to the entire engine without time-consuming disassembly.

**Corrosion-Resistant Enclosure** – Durable, all-metal enclosures are built to last protecting against extreme weather conditions and supported by the longest enclosure warranty in the industry.

**4 YEAR WARRANTY**



<sup>1</sup>This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators). <sup>2</sup>Warranty details are available at milbankworks.com. <sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.



MODEL NUMBER	MG2524011BS 25kW	MG3524012BS 35kW
Watts LP/NG	25,000W (LP) / 25,000W (NG)	35,000W (LP) / 31,500 (NG)
Main Breaker (Amps)	125	175
Amps LP/NG	104.2 / 104.2	146 / 131
Voltage	120/240V AC, Single Phase, 1.0	120/240V AC, Single Phase, 1.0 pf
Alternator	Brushless	Brushless
Harmonic Distortion	Less than 5%	Less than 5%
Voltage Regulation	Automatic	Automatic
Fuel Type	Propane (LP), Natural Gas	Propane (LP), Natural Gas
Sound Rating (at 7 Meters)	65dB	64dB
Full Pressure Lubrication	Yes	Yes
Overcrank Protection	Yes	Yes
Dimensions (in inches: L x W x H)	70 x 32 x 37	84x 39.4 x 41
Weight (Generator Only)	1,056	1,470
Orientation	Horizontal	Horizontal
Limited Warranty*	4 year P/L (limited)	4 year P/L (limited)
NFPA-110 Compliant	No	Yes
Engine Block Heater	MG627001 (sold separately)	MG624101 (sold separately)
Maintenance Kit	MG626801 (sold separately)	MG300022 (sold separately)
Turnkey Extras Included	Hour Meter, Battery Charger, and API SL 10W-30 Oil	Hour Meter, Battery Charger, and API SL 10W-30 Oil
<b>FUEL CHARACTERISTICS</b>		
Fuel Consumption   LP (at 1/2 load)	262,500 BTU/Hr 105 Ft. 3/Hr 2.9 Gal/Hr	252,887 BTU/Hr 117 Ft. 3/Hr 2.8 Gal/Hr
Fuel Consumption   NG (at 1/2 load)	252,000 BTU/Hr 252 Ft3/H	209,571 BTU/Hr 282 Ft3/Hr
Fuel Consumption   LP (at full load)	387,000 BTU/Hr 155 Ft3/Hr 4.3 Gal/Hr	396,150 BTU/Hr 186 Ft3/Hr 4.4 Gal/Hr
Fuel Consumption   NG (at full load)	368,100 BTU/Hr 368 Ft3/Hr	344,452 BTU/Hr 458 Ft3/Hr
Water Pressure	NG + LP 5" to 11"	NG + LP 7" to 11"
<b>BATTERY REQUIREMENTS</b>		
Volts (standard/cold start)	12 Volt DC	12 Volt DC
Minimum AMPS (standard/cold start)	650 CCA	650 CCA
Type	VRLA (Valve Regulated Lead Acid)	VRLA (Valve Regulated Lead Acid)
Terminal Hardware	Top Post Type	Top Post Type
Dimensions (Max)	7.5" x 11.25" x 10.0"	7.5" x 11.25" x 10.0"
<b>ENGINE SPECIFICATIONS</b>		
Engine	Briggs & Stratton™ 1.6L	GM Vortec™ 3.0L Industrial Powertrain
Cylinders	Inline 4 Cylinder, 4-Cycle	Inline 4 Cylinder, 4-Cycle
Operating RPM	3600	1,800
California Compliant	Yes	Yes

# Technical Specifications

**35**

Commercial Standby Generators

MG3520832WIN 35kW	MG3524032DIN 35kW
35,000W (LP) / 31,500 (NG)	35,000W (LP) / 31,500 (NG)
150	125
121 / 109	105 / 95
120/208V AC, 3-Phase, 0.8 pf	120/240V AC, 3--Phase, 0.8 pf
Brushless	Brushless
Less than 5%	Less than 5%
Automatic	Automatic
Propane (LP), Natural Gas	Propane (LP), Natural Gas
64dB	64dB
Yes	Yes
Yes	Yes
84x 39.4 x 41	84x 39.4 x 41
1,470	1,470
Horizontal	Horizontal
4 year P/L (limited)	4 year P/L (limited)
Yes	Yes
MG624101 (sold separately)	MG624101 (sold separately)
MG300022 (sold separately)	MG300022 (sold separately)
Hour Meter, Battery Charger, and API SL 10W-30 Oil	Hour Meter, Battery Charger, and API SL 10W-30 Oil
252,887 BTU/Hr 117 Ft. 3/Hr 2.8 Gal/Hr	252,887 BTU/Hr 117 Ft. 3/Hr 2.8 Gal/Hr
209,571 BTU/Hr 282 Ft3/Hr	209,571 BTU/Hr 282 Ft3/Hr
396,150 BTU/Hr 186 Ft3/Hr 4.4 Gal/Hr	396,150 BTU/Hr 186 Ft3/Hr 4.4 Gal/Hr
344,452 BTU/Hr 458 Ft3/Hr	344,452 BTU/Hr 458 Ft3/Hr
NG + LP 7" to 11"	NG + LP 7" to 11"
12 Volt DC	12 Volt DC
650 CCA	650 CCA
VRLA (Valve Regulated Lead Acid)	VRLA (Valve Regulated Lead Acid)
Top Post Type	Top Post Type
7.5" x 11.25" x 10.0"	7.5" x 11.25" x 10.0"
GM Vortec™ 3.0L Industrial Powertrain	GM Vortec™ 3.0L Industrial Powertrain
Inline 4 Cylinder, 4-Cycle	Inline 4 Cylinder, 4-Cycle
1,800	1,800
Yes	Yes

## MODELS

100A | MATSC10011      200A | MATSC20011  
150A | MATSC15012      200A | MATSC20012

Compatible with our 8-48kW home standby generators, the SynapSwitch™ will immediately signal your generator to start up in the event of a power outage - so when the power goes out, you won't be left in the dark.



## FEATURES

**Load Management** - The SynapSwitch™ manages two electrical loads on its own and can manage additional loads when paired with Load Control Module. This can enable you to receive whole-house power from a smaller generator.

**Intelligent Synap Technology** - This switch uses state-of-the-art technology that constantly measures power (voltage x current) and frequency.

**Load Priority** - The switch intelligently selects managed loads based on priority or load size.

**LED Status Indicator** - The indicator shows whether load is under utility or generated power and indicates which managed loads are on or off.

**Certified to FCC Chapter 15 Part B** - The ATS adheres to the strictest code for electronic design to avoid interference with radio and WiFi signals.

**Generator Disconnect** - The external disconnect allows the generator to be quickly taken out of service in the event of emergency shutoff.

**NEMA 3R Cabinet** - This durable enclosure is suitable for indoor or outdoor installations.

**Adaptability** - The intelligent switch automatically adapts to seasonal changes of the loads.

**Easy installation** - The lightweight SynapSwitch™ is easy to install and service. With a variety of knockouts and plug-and-play parts, this switch is a contractors turnkey solution.



Installers are required to review local codes prior to installation to determine if a transfer switch with separate disconnect is required. All installations must strictly comply with all applicable codes, industry standards, laws and regulations, and installation manual. Improper installation will void all warranties. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.

## MODELS

100A   MGVATS1001240	1000A   MGVATS10001240
200A   MGVATS2001240	1000A   MGVATS10001208
400A   MGVATS4001240	1000A   MGVATS10001480
400A   MGVATS4001208	1250A   MGVATS12501208
400A   MGVATS4001480	1250A   MGVATS12501480
600A   MGVATS6001240	
600A   MGVATS6001208	
600A   MGVATS6001480	



The Vigilant® Series automatic transfer switch is designed to automatically transfer critical loads in the event of a power outage. It consists of a simple, rugged design while maintaining the flexibility required to meet the needs of residential, agricultural and light industrial applications.

## FEATURES

**Galvanized Steel Enclosure** – This duplex coated, galvanized G90 grade steel meets American Society for Testing and Materials (ASTM) standard A653. The service life more is than twice that of regular steel; standard on all Vigilant® series transfer switches.

**Exterior Accessibility** – The easy-to-use, 7-day exerciser clock gives full control over day and time. The exerciser clock and indicator lamps are both accessible from outside the transfer switch – no need to open the door, even with the NEMA 3 enclosure option.

**VTSC100 Logic Controller Board** – The controls harbored in the center of every Vigilant® automatic transfer switch. It is designed to provide all basic transfer switch control functions with simplicity, flexibility, and durability.

Features include:

- Powered from genset battery for isolation against line transients.
- Integrated voltage and frequency sensing.
- Adjustable transfer delays using on-board potentiometers.
- Fused remote start contact relays.
- Adjustable drop-out & pick-up values for voltage and frequency.
- Internal test switch included.

**Comprehensive Warranty** – Milbank offers one of the best in the industry with a 5-year limited parts and labor warranty.



Installers are required to review local codes prior to installation to determine if a transfer switch with separate disconnect is required. All installations must strictly comply with all applicable codes, industry standards, laws and regulations, and installation manual. Improper installation will void all warranties. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.



MODEL NUMBER	MATSC10011	MATSC15012	MATSC20011	MATSC20012	MATSRM50
<b>Compatible generator units</b>	MG08001, MG10002 MG12003, MG17001 MG20003	MG08001, MG10002 MG12003, MG17001 MG20003	MG08001, MG10002 MG12003, MG17001 MG20003	MG3524011BS, MG4824011BS, MG3524011IL, MG4824011IL, MG2524011BS	MATS10011, MATS15012, MATS20011, MATS20012
<b>Phase</b>	Single Phase 240V	Single Phase 240V	Single Phase 240V	Single Phase 240V	Single Phase 240V
<b>Limited Warranty</b>	3 years	3 years	3 Years	3 Years	3 Years
<b>Circuits</b>	Whole House	Whole House	Whole House	Whole House	Individual Circuit
<b>Amps</b>	100	150	200	200	Resistive 50 Amps; Inductive 40 Amps
<b>Service entrance disconnect</b>	Yes	Yes	Yes	Yes	No
<b>Dimensions (L x W x H)</b>	6.54" x 18.25" x 27.15"	6.54" x 18.25" x 27.15"	6.54" x 18.25" x 27.15"	6.54" x 18.25" x 27.15"	8.2" x 5.2" x 3.4"
<b>Weight</b>	42 lbs.	42 lbs.	42 lbs.	42 lbs.	3.6 lbs.
<b>Intelligent Synap Technology</b>	Yes	Yes	Yes	Yes	No
<b>Accessory (#MATSRM50)</b>	Yes	Yes	Yes	Yes	No

MODEL NUMBER	MG0503120	MG1003162	MG1003002	MG2003002	MG4002001S2**	MG0501440
<b>Compatible generator units</b>	MG08001 MG10002	MG08001 MG10002 MG12003 MG17001 MG20003	MG08001 MG10002 MG12003 MG17001 MG20003	MG08001 MG10002 MG12003 MG17001 MG20003	MG20003 MG3524011BS MG4824011BS MG3524011IL MG4824011IL MG2524011BS MG6024011BS MG6024011IL	Power Management Upgrade - used in conjunction with: MG1003162 MG1003002 MG2003002
<b>Phase</b>	Single Phase 240V	Single Phase 240V	Single Phase 240V	Single Phase 240V	Single Phase 240V	Single Phase 240V
<b>Limited Warranty</b>	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
<b>Circuits</b>	12	16	Whole House	Whole House	Whole House	(2) Central Air + (4) 50 Amp Relays + 2 low voltage lock outs
<b>Amps</b>	50A	100A	100A	200A	2 X 200A	N/A
<b>Service entrance disconnect</b>	No	No	No	No	Yes	N/A
<b>Dimensions (L x W x H)</b>	14.25" x 6" x 21"	14" x 6" x 24"	12" x 6" x 16"	12" x 6" x 22"	37" x 7" x 23.70"	12" x 6" x 22"
<b>Weight</b>	29 lbs.	39 lbs.	24 lbs.	37 lbs.	111 lbs.	64 lbs.
<b>Common features</b>	120/240 Voltage, 2 Poles, 50/60 Frequency NEMA 3R Enclosure, UL 1008 Listed			120/240 Voltage, 2 Poles, 50/60 Frequency NEMA 3R Enclosure, UL 1008 Listed	120/240 Voltage, 2 Poles, 60Hz, NEMA 3R, UL 1008 Listed	Intelligent Power Management System manages up to (4) additional high wattage appliances for true whole-house management. NEMA 3R Enclosure, UL1008 Listed
<b>Power management</b>	No	Patented Power Management Technology Included		Patented Power Management Technology Included		

\*Must order part #MG07033 to be compatible (contact Milbank sales office for questions).

\*\*Can only be ordered with a home standby generator.

Installer is required to review local codes prior to installation to determine if a transfer switch with separate service disconnect is required. All installations must strictly comply with all applicable codes, industry standards, laws and regulations, installation manual. Other Generator/Automatic Transfer Switch manufacturers products are not compatible with Milbank Home Generator Systems. Improper installation voids all warranty. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation.



## MODELS

MMTTS301\*  
MMTS301L\*  
MMTS301SYSX  
MMTS301SYSX1C  
MMTS301SYSX2C  
MMTS301SYSL  
MMTS301SYSL1C

MMTTS501\*  
MMTS501L\*  
MMTS501SYSX  
MMTS501SYSX1C  
MMTS501SYSX2C  
MMTS501SYSL  
MMTS301SYSL1C

\*Model without Learn Function

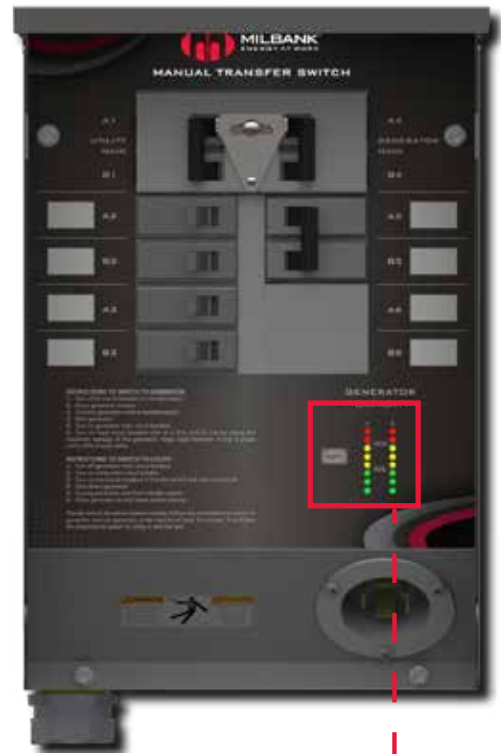
## FEATURES

**Learn Function\*** — Our patent-pending feature memorizes the capacity of the generator, which helps prevent your generator from overloading.

**Exclusive LED Digital Meter\*** — Illuminated LED display for easy-to-read generator output information in all lighting conditions. 30 Amp and 50 Amp models available — Safely connects most common sizes of portable generators.

**Wiring Harness\*** — Ready to install out of the box for quick and easy installation.

**Interlock Assembly** — Designed to prevent your generator and utility from running at the same time to ensure safe operation and to protect your generator.



Easy-to-read LED digital meter & Learn Function for easy set up

Patent - pending



**4 YEAR WARRANTY**



\*Review local codes to determine if a transfer switch with separate service entrance disconnect is required. Installers are required to review local codes prior to installation to determine if a transfer switch with separate disconnect is required. All installations must strictly comply with all applicable codes, industry standards, laws and regulations, and installation manual. Improper installation will void all warranties. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation. Other Generator/Automatic Transfer switch manufacturers' products are not compatible with Milbank Home Generator Systems.



# 30 & 50 Amp | Manual Transfer Switch

Manual Transfer Switches

MILBANK 30A MANUAL SWITCH PACKAGES									
	60 Amp Utility Breaker	30 Amp Generator Breaker	6 Branch Breakers (2) 15 Amp (2) 20 Amp (2) 30 Amp 2 expandable	6' Wiring Harness Included	30 Amp Inlet Installed in MTS NEMAL14-30-C	Exclusive LED Digital Meter with Learn Function	Separate Power Inlet Box with 30 Amp Plug (NEMA 3R)	125/ 250 VAC, Connectors – NEMAL14-30-P NEMAL14-30-C	
								10' Cord	25' Cord
MMTS301*	X	X							
MMTS301L*	X	X			X				
MMTS301SYSX	X	X	X	X		X	X		
MMTS301SYSX1C	X	X	X	X		X	X	X	
MMTS301SYSX2C	X	X	X	X		X	X		X
MMTS301SYSL	X	X	X	X	X	X			
MMTS301SYSL1C	X	X	X	X	X	X		X	
MMTS301SYSL2C	X	X	X	X	X	X			X

\*Model without Learn Function

MILBANK 50A MANUAL SWITCH PACKAGES									
	100 Amp Utility Breaker	50 Amp Generator Breaker	6 Branch Breakers (2) 15 Amp (2) 20 Amp (2) 50 Amp 2 expandable	6' Wiring Harness Included	50A Inlet Installed in MTS CS6375	Exclusive LED Digital Meter with Learn Function	Separate Power Inlet Box with 50 Amp plug (NEMA 3R)	125/ 250 VAC, Connectors – CS6365C CS6364C	
								10' Cord	25' Cord
MMTS501*	X	X							
MMTS501L*	X	X			X				
MMTS501SYSX	X	X	X	X		X	X		
MMTS501SYSX1C	X	X	X	X		X	X	X	
MMTS501SYSX2C	X	X	X	X		X	X		X
MMTS501SYSL	X	X	X	X	X	X			
MMTS501SYSL1C	X	X	X	X	X	X		X	
MMTS501SYSL2C	X	X	X	X	X	X			X

\*Model without Learn Function



Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. Not for indoor use. Milbank reserves the right to make changes in specifications and features shown without notice or discontinue the product described at any time without notice or obligation.

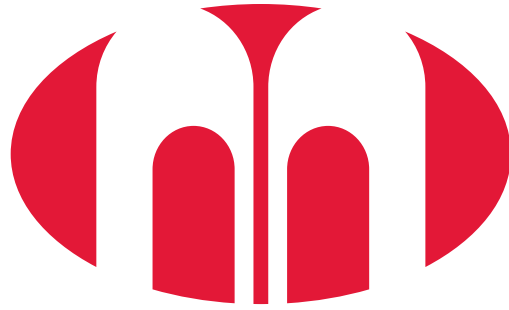


6003.....	22	CU5300-O-55 .....	15	MGD500.....	31
6116.....	22	CU5300-O-75 .....	15	MGD550.....	31
MGVATS12501480 .....	37	K1190 .....	21	MGD60.....	31
MGVATS6001240 .....	37	K1350 .....	22	MGD600.....	31
MGVATS6001480 .....	37	K1350L.....	22	MGD80.....	31
5T8K2 .....	21	K1539 .....	22	MGVATS10001208 .....	37
A7514.....	20	K1540 .....	22	MGVATS10001240 .....	37
A7515.....	20	K1540L.....	22	MGVATS10001480 .....	37
A7516.....	20	K1541 .....	22	MGVATS1001240 .....	37
A7517.....	20	K3082 .....	22	MGVATS12501208 .....	37
A7518.....	20	K3083 .....	22	MGVATS2001240 .....	37
A7551.....	20	K3441.....	22	MGVATS4001208 .....	37
A8110.....	20	K3442 .....	22	MGVATS4001240 .....	37
A8111.....	20	K4977-EXT.....	21	MGVATS4001480 .....	37
A8112.....	20	K4977-INT .....	21	MGVATS6001208 .....	37
A9064.....	20	K5022-INT .....	21	MMTS301L .....	40
C3433-O.....	12	K5T .....	21	MMTS301SYSL .....	40
C3435-O.....	12	K8180 .....	22	MMTS301SYSL1C.....	40
C3438-O.....	12	MATSC10011.....	36	MMTS301SYSL1C.....	40
C3522-XL-K1 .....	11	MATSC15012.....	36	MMTS301SYSX.....	40
C3523-XL-K1 .....	11	MATSC20011.....	36	MMTS301SYSX1C.....	40
C3524-XL-K2 .....	11	MATSC20012.....	36	MMTS301SYSX2C.....	40
C3525-XL-K2 .....	11	MG08001.....	25	MMTS501L .....	40
C3526-XL-K2 .....	11	MG10002.....	25	MMTS501SYSL .....	40
C5127-X.....	9	MG120.....	31	MMTS501SYSX.....	40
C5760-RL-TG.....	6	MG12003.....	26	MMTS501SYSX1C.....	40
C5770 .....	8	MG150.....	31	MMTS501SYSX2C.....	40
C5770-RL-TG.....	8	MG17001.....	27	MMTTS301 .....	40
C5802-XL.....	8	MG200.....	31	MMTTS501 .....	40
C5803-0*.....	7	MG20003.....	27	-R .....	20
C5804-XL.....	6	MG25.....	31	S8324.....	20
C5813-X.....	8	MG2524011BS .....	30	TS04-0101TS07-0105 .....	13
C5847-O.....	8	MG265.....	31	TS04-0104 .....	13
C7017-RL-TG.....	7	MG30.....	31	TS07-0049 .....	13
C7018-XL-TG.....	7	MG300.....	31	TS07-0106 .....	13
C8143-RL-150.....	10	MG350.....	31	TS10-0016 .....	13
C8143-RL-200.....	10	MG400.....	31	TS10-0109 .....	13
C8144-RL.....	10	MG41.....	31	TS10-0110 .....	13
C8144-RL-100.....	10	MG425.....	31	TS10-0111 .....	13
CP-21.....	22	MG52.....	31	TS10-0112 .....	13
CU5000-XL.....	14	MG62.....	31	U3802 .....	5
CU5000-XL-41 .....	14	MG80.....	31	U3812 .....	5
CU5000-XL-55 .....	14	MG96.....	31	U3832 .....	5
CU5000-XL-75 .....	14	MGD100.....	31	U3862 .....	5
CU5100-XL.....	14	MGD125.....	31	U5220-XL.....	15
CU5100-XL-41 .....	14	MGD155.....	31	U5220-XL-41.....	15
CU5100-XL-55 .....	14	MGD210.....	31	U5220-XL-55.....	15
CU5100-XL-75 .....	14	MGD250.....	31	U5220-XL-75.....	15
CU5200-XL.....	15	MGD280.....	31	U5320-O.....	15
CU5200-XL-41 .....	15	MGD30.....	31	U5320-O-41.....	15
CU5200-XL-55 .....	15	MGD300.....	31	U5320-O-55.....	15
CU5200-XL-75 .....	15	MGD350.....	31	U5320-O-75.....	15
CU5300-O.....	15	MGD400.....	31		
CU5300-O-41 .....	15	MGD450.....	31		



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.





**MILBANK**<sup>®</sup>  
ENERGY AT WORK



# Canadian Products

*Meter Mounting Equipment*

