

# MAGNUM POWER INVERTERS

## Magnum 240/120 VAC Inverters True Sine Wave @ 24 & 48 VDC

747-001 MS4024PAE 4000W 24VDC \$2699  
747-002 MS4448PAE 4400W 48VDC \$2699

The MS-PAE 120/240V Series Inverter/Charger from Magnum Energy is a pure sine-wave inverter designed specifically for the most demanding renewable energy applications. The MS-PAE Series is powerful, easy-to-use, and best of all, cost effective.

The MS-PAE Series inverters have a Power Factor Corrected battery charger built in which uses 25-30% less AC current than standard chargers. The MS Series also integrates nicely with larger generators with 240/120 VAC output. Its two-leg 240/120 VAC capability allows the generator to operate in a balanced mode, both as a battery charger and for feed-through loads.

We now feature this inverter in some of our solar electric kits as well as a pre-wired power panel. It offers 240/120 VAC operation at a much lower cost than the Xantrex models. It doesn't have all the bells and whistles that the XW inverters have, but it will perform all the tasks a homeowner will need it to do.

## Magnum Inverter Control

747-006 ME-ARC50 Remote Control \$299

The ME-ARC50 is simple to use, yet allows full control of all Magnum Inverter/Chargers, the ME-AGS-N network auto generator start module and the ME-BMK battery monitor. It is the only way to customize the operating parameters for all Magnum inverter/chargers. The ME-ARC50 provides convenient finger-tip operation, including the new one-knob programming. It comes standard with a 50', 4-conductor telephone cable and includes non-volatile memory which preserves adjustable settings, even if power to the remote or inverter is removed. Dims: 3.6"H x 8.8"W x 2"D



## Automatic Generator Start Modules

747-005 ME-AGS-N Auto Gen Start \$329

This is a three-relay, networked automatic generator start module meant to be used with a Magnum inverter and its remote control. The ME-AGS-N Auto Generator Start controller is networked to a Magnum inverter and can automatically start your generator based on battery voltage or inside temperature. Starts most diesel or gas generators.



747-004 ME-AGS-S Auto Gen Start \$329



This is a two-relay, stand alone automatic generator start module. The ME-AGS-S Auto Generator Start controller is used in applications that do not include a Magnum inverter.



- 3 Year Warranty
- 120/240-volt split-phase, true sine wave output (no need for autotransformer or stacking inverters)
- Super Efficient Battery Charger
- ETL Listed to the stringent requirements of UL1741
- Easy to Install using one of our pre-wire power panel systems

### Magnum MS-PAE Series Specifications:

MODEL	MS4024PAE	MS4448PAE
Continuous Power (Watts)	4000	4400
Max. AC Surge Current (Watts)	5800	8500
Peak Efficiency	93%	94%
Search Mode Power	<6 Watts	<6 Watts
Search Mode Defeated (No Load)	27 Watts	25 Watts
Input Voltage Range (VDC)	18.0-33.8	36.0-67.6
Waveform Sine Wave	Yes	Yes
Output Voltage (VAC)	120/240	120/240
Adj. Load Sensing (Watts)	5-50 Adj.	5-50 Adj.
Auto Low Batt Protection (VDC)	18-25 Adj.	36-50 Adj.
Forced Air Cooling:	0-120 cfm Variable Fan	
Automatic Transfer Relay (Amps)	30A per Leg	30A per Leg
Transfer Time	16 msecs	16 msecs
Charge Rate (Amps)	105A Max (@28.2V)	60A Max (@56.4V)
AC Input Current for Max Charge Rate Output @ 240 VAC	15 Amps	17.5 Amps
Charger Efficiency	85%	85%
Weight (Lbs)	54.5	54.5
Dimensions (HxWxL)	13.75"x12.65"x8.0"	
Mounting:	Wall or Shelf	

Magnum MS4024AE mounted on a MidNite Solar disconnect with an ME-RC50 Remote Control and a MidNite Classic 150 Charge Controller. See pg 24 for another mounted view.



# MAGNUM POWER INVERTERS

## Magnum 120 VAC Inverters True Sine Wave @ 12 & 24 VDC

747-2012	MS2012 2000W 12VDC	\$2149
747-2812	MS2812 2800W 12VDC	\$2399
747-2024	MS2024 2000W 24VDC	\$2099
747-4024	MS4024 4000W 24VDC	\$2599

The MS Series Inverter/Charger from Magnum Energy is a pure sine-wave inverter designed specifically for the most demanding renewable energy applications. It is similar in every respect to the MS-PAE Series except it only outputs 120 VAC rather than 120/240 VAC. The MS Series inverter/charger uses the same ME-ARC50 control and ME-AGS-N auto gen start as the MS-PAE Series. The physical size of all the MS and MS-PAE inverters is the same as well, though the weights differ.

## Magnum 120 VAC Inverters Modified Sine Wave @ 12 & 24V

The MM-AE and RD 120VAC Series Inverter/Chargers from Magnum Energy are modified sine-wave units designed specifically for off-grid renewable energy applications. The MM-AE and RD Series are powerful, easy-to-use, and best of all, cost effective.

747-0612	MM612AE 600W 12VDC	\$599
747-1512	MM1512AE 1500W 12VDC	\$899
747-1524	MM1524AE 1500W 24VDC	\$939
747-2212	RD2212 2200W 12VDC	\$1459
747-1824	RD1824 1800W 24VDC	\$1289
747-2824	RD2824 2800W 24VDC	\$1679
747-3924	RD3924 3900W 24VDC	\$1979

### Magnum MS Series Specifications:

MODEL	MS2012	MS2024	MS2812	MS4024
Continuous Power (Watts)	2000	2000	2800	4000
Max. AC Surge Current (Watts)	3300	2850	3900	5800
Peak Efficiency	90%	86%	90%	93.7%
Search Mode Power	7 Watts	7 Watts	7 Watts	7 Watts
Search Mode Defeated (No Load)	25 Watts	25 Watts	30 Watts	25 Watts
Input Voltage Range (VDC)	9-17	18-34	9-17	9-17
Waveform Sine Wave	Yes	Yes	Yes	Yes
Output Voltage (VAC)	120	120	120	120
Adj. Load Sensing (Watts- Adj.)	5-50	5-50	5-50	5-50
Low Batt Protection (VDC-Out/In)	9 (adj) Out 12.5 In	18 (adj) Out 25 In	9 (adj) Out 12.5 In	18 (adj) Out 25 In
Forced Air Cooling:		0-120 cfm Variable Fans		
Automatic Transfer Relay (Amps)		2 Legs @ 30A		
Transfer Time	16 msecs	16 msecs	16 msecs	16 msecs
Charge Rate (Amps)	100A Max	60A Max	125A Max	105A Max
AC Input Current for Max Charge				
Rate Output @ 120 VAC	15 A	15.8 A	18 A	29 A
Charger Efficiency	85%	85%	85%	85%
AC Input Frequency range		50 to 70 Hz		
AC Input Voltage Range		60 to 140 (120 VAC Nominal)		
Weight (Lbs)	42	41	55	55
Dimensions (HxWxL)		13.75"x12.65"x8.0"		
Mounting:		Wall or Shelf		

### Magnum RD Series Specifications:

MODEL	RD2212	RD1824	RD2824	RD3924
Continuous Power (Watts)	2200	1800	2800	3900
Max. AC Surge Current (Watts)	3700	4000	6000	9000
Peak Efficiency	95%	94%	93%	93%
Search Mode Power (typical)	5 Watts	5 Watts	5 Watts	5 Watts
Search Mode Defeated (No Load)	20 Watts	12 Watts	19 Watts	25 Watts
Input Voltage Range (VDC)	9 to 16	18 to 32	18 to 32	18 to 32
Waveform		Modified Sine wave		
Output Voltage (VAC)		120 VAC		
Adj. Load Sensing (Watts)		5-50		
Auto Low Batt Protection (VDC)	9-12.2	18-24.4	18-24.4	18-24.4
Forced Air Cooling:		0-120 cfm Dual Variable Speed Fans		
Automatic Transfer Relay	30A	30A	30A	30A
Transfer Time	16 msecs	16 msecs	16 msecs	6msecs
Charge Rate (Amps)	110A Max	50A Max	80A Max	105A Max
Charger Efficiency	85%	85%	85%	92%
Weight (Lbs)	37	35	42	53
Dimensions (H x W x D)		13.75" x 12.65" x 8"		
Mounting:		Wall or Shelf		

### Magnum MM-AE Series Specifications:

MODEL	MM612AE	MM1512AE	MM1524AE
Continuous Power (Watts)	600	1500	1500
Max. AC Surge Current (Watts)	1100	2100	2650
Peak Efficiency	95%	95%	91%
Search Mode Power (typical)	3 Watts	6 Watts	4 Watts
Search Mode Defeated (No Load)	10 Watts	18 Watts	9 Watts
Input Voltage Range (VDC)	9 to 16	9 to 16	18 to 32
Waveform		Modified Sine wave	
Output Voltage (VAC)		120 VAC	
Adj. Load Sensing (Watts)		5-50	
Auto Low Batt Protection (VDC)	9-12.2	9-12.2	18-24.4
Forced Air Cooling:		0-59 cfm Variable Fan	
Automatic Transfer Relay	20A	20A	20A
Transfer Time	16 msecs	16 msecs	16 msecs
Charge Rate (Amps)	30A Max	70A Max	35A Max
Charger Efficiency	85%	88%	88%
Weight (Lbs)	16	22	22
Dimensions (L x W x H)		16.6" x 8.4" x 4.7"	
Mounting:		Wall or Shelf	



Magnum RD 2212  
Inverter/Charger



Magnum MM 1512 AE  
Inverter/Charger

# OUTBACK POWER INVERTERS

OutBack Power Systems is an engineer-owned, customer focused manufacturer of renewable energy systems equipment. Their engineers have decades of power conversion design and equipment installation experience and share a passion for leading the industry into a new era of power conversion equipment performance, ease of use, and standardization.

They have designed all their equipment around an integrated systems approach. One could use an Outback inverter as a stand-alone unit, but its really designed to fit together with all the other pieces of the system.

There are two types of OutBack inverters: the original sealed FX Series and the vented VFX Series. In the sealed FX version all components are cooled by heat transfer. The vented VFX versions are cooled by internal fans. The vented versions allow for higher power inverters to be enclosed in the same size box as the sealed versions.



## OutBack Power Inverters and System Components

### FX Series Sealed Inverters

745-2012	FX2012T 2000W 12V	\$2369
745-2524	FX2524T 2500W 24V	\$2369
745-3048	FX3048T 3000W 48V	\$2369

### VFX Series Vented Inverters

745-2812	VFX2812 2800W 12V	\$2569
745-3524	VFX3524 3500W 24V	\$2569
745-3648	VFX3648 3600W 48V	\$2569



FX/VFX Inverter  
(Without Cover)

#### Design Features

- Powder-coated All Aluminum Die-cast Chassis
- Expandable
- Compact Size
- Field Repairable
- Modular
- 12, 24 and 48 Volt Models

## OutBack Inverter Accessories

746-001	Mate	\$295
746-002	Mate2 (Black square housing)	\$295

The OutBack MATE is a complete system controller and display for all combinations of OutBack equipment. It provides a display of the operating parameters:



voltage, current and frequency, as well as providing a means for set-point adjustment. A single MATE can be connected to multiple inverters and MX-60 charge controllers and any future OutBack equipment as well.

746-009	Hub-4	\$195
Four device connection for MATE		
735-001	RTS Remote Temp Sensor	\$29
746-012	PSX-240 Trans w/Enclosure	\$539



PSX-240  
Transformer

#### Performance Features:

- True Sinewave Output
- Low Output Signal Distortion
- Over 3 Times Surge Capacity
- 60A AC Transfer Switch
- Low Idle Power Consumption
- Super Efficient
- Five Stage Smart Charger
- Series Stackable
  - Parallel Stackable
- Three Phase Stackable



OutBack/ MidNite Pre-Wired System Panel with Door Closed

### OutBack Inverter Specifications:

	Sealed Versions (Turbo)			Vented Versions		
MODEL	FX2012T	FX2524T	FX2548T	VFX2812	VFX3524	VFX3648
Continuous Power (Watts)	2000	2500	2500	2800	3500	3600
DC Input Voltage (Nom VDC)	12	24	48	12	24	48
(Range VDC)	10.5-17.5	21-34	42-68	10.5-17.5	21-34	42-68
Continuous AC RMS Output	17A	17A	21A	23.3A	29.2A	30A
Surge Power (Peak A@1msec)	56	70	70	56	70	70
(Peak A@100msec)	40	50	50	40	50	50
AC Overload Capability-Watts	4800	6000	6000	4800	6000	6000
5 Sec Watts	4000	4800	4800	4000	5000	5000
30 Min Watts	2500	3200	3200	3200	4000	4000
Efficiency (%)	90	92	93	90	92	93
Idle Power(W) (Sleep-3 Watts)	18-20	18-20	21-23	19-21	18-20	21-23
Automatic AC Transfer Relay	60A	60A	60A	60A	60A	60A
Adj. Charge Rate (Amps)	0-80	0-55	0-35	0-125	0-85	0-45
Minimum DC Breaker (Amps)	250	175	100	250	250	175
Weight (Lbs)	56	56	56	54	54	54
Dimensions (HxWxL)	13" x 8.25" x 16.25"			12" x 8.25" x 16.25"		

# SAMLEX POWER INVERTERS

## PST Series Sine Wave Inverters

748-001P	PST-300-12 300W 12V	\$159
748-002P	PST-600-12 600W 12V	\$229
748-003P	PST-1000-12 1000W 12V	\$419
748-004P	PST-1500-12 1500W 12V	\$529
748-009P	PST-2000-12 2000W 12V	\$699
748-005P	PST-300-24 300W 24V	\$169
748-006P	PST-600-24 600 24V	\$249
748-007P	PST-1000-24 1000W 24V	\$429
748-008P	PST-1500-24 1500W 24V	\$549
748-010P	PST-2000-24 2000W 24V	\$709

The Samlex PST series Sine wave inverters are low cost while maintaining high quality. They are well suited for small to medium loads where an integrated battery charger is not needed. Consider using a PST series inverter for that one "problem" load or when a "high-power" sine wave inverter with integral battery charger is not needed. An excellent value able to power any load within its power range.



Samlex PST 600W 12V Inverter

### Samlex PST Series Sine Wave Inverter Specifications:

MODEL (Watts 12V and 24V)	300 12/24V	600 12/24V	1000 12/24V	1500 12/24V	2000 12/24
Continuous Power (Watts)	300	600	1000	1500	2000
Max. AC Surge Current (VA)	500	1000	2000	3000	4000
Peak Efficiency	85%	85%	85%	85%	85%
No Load Power (Watts)	8.4/9.6	10.2/10.8	9.6/12	<12/<19	<12/<19
Input Voltage Range (VDC)	10.5 -16.5/ 21-33	10.7 -16.5/ 21.4-33	10.7 -16.5/ 21.4-33	10.7-16.5/ 21.4-33	10.7-16.5/ 21.4-33
Output Voltage (VAC)	120	120	120	120	120
Low Input Voltage Shut-Down (VDC)	10/20	10/20	10/20	10/20	10/20
High Input Voltage Shutdown (VDC)	16.5/33	16.5/33	16.5/33	16.5/33	16.5/33
Forced Air Cooling:	Temperature Controlled Fan				
Remote (Optional)	-	RC-15	RC-15	RC-200	RC-200
Weight (Lbs)	3.3	5.4	8.8	12.7	15.6
Dimensions (HxWxL In.)	8.5x5.8x2.6	11x9.3x3.3	15.6x9.3x3.3	16.3x11x3.9	18.43x10.35x4.16
Mounting:	Wall or Shelf				

## SA Series Sine Wave Inverters

748-011S	SA-300-112 300W 12V	\$189
748-012S	SA-600R-112 600W 12V	\$349
748-013S	SA-1000K-112 1000W 12V	\$429
748-014S	SA-1500-112 1500W 12V	\$559
748-014S	SA-2000K-112 2000W 12V	\$859
748-014S	SA-3000K-112 3000W 12V	\$1269
748-017S	SA-300-124 300W 24V	\$189
748-018S	SA-600R-124 600 24V	\$349
748-019S	SA-1000K-124 1000W 24V	\$429
748-020S	SA-1500-124 1500W 24V	\$559
748-014S	SA-2000K-124 2000W 24V	\$859
748-014S	SA-3000K-124 3000W 24V	\$1269

The SA Series are much the same as the PST Series, but are more robust.



Samlex SA 600W Inverter

### Samlex SA Series Sine Wave Inverter Specifications:

MODEL (Watts 12v and 24V)	300 12/24V	600 12/24V	1000 12/24V	1500 12/24V	2000 12/24V	3000 12/24V
Continuous Power (Watts)	300	600	1000	1500	2000	3000
Max. AC Surge Current (VA)	400	800	2000	2000	4000	6000
Peak Efficiency	89%	87%	89%	87%	89%/92%	88%/91%
No Load Power (Watts)	3/7	17/18	17/18	11/11	33.6/36	24/38.4
Stand-By Power	3/4	3/4	3/4	3/4	7.2/7.2	6.6/8.4
Input Voltage Range (VDC)	10.5 -15/ 21-30	10.5 -15/ 21-30	10.5 -15.0/ 21-30	11 -16/ 22 -32	10.5-15.0/ 21.0-30.0	10.5-15.0/ 21.0-30.0
Output Voltage (VAC)	120	120	120	120	120	120
Low Input Voltage Shut-Down (VDC)	10/20	10.5/21	10.5/21	10.5/21	10.5/21	10.5/21
High Input Voltage Shutdown (VDC)	15.5/31	15.3/30.6	15.3/30.6	15.3/30.6	15.3/30.6	15.3/30.6
Forced Air Cooling:	Temperature Controlled Fan					
Remote (Optional)	Ex. Switch	Ex. Switch	S-R6-12/24,S-R8	SR-5	S-R6-12/24,S-R8	S-R6-12/24,S-R8
Weight (Lbs)	7.7	5.4	8.8	15.5	19.8	22
Dimensions (LxWxH In.)	9.5x6x3	12.25x7.0x2.75	15.5x7.0x3.5	16.0x11.0x4.0	15.5x8.25x6.25	17.25x8.25x6.75
Mounting:	Wall or Shelf					

# SCHNEIDER (XANTREX) INVERTERS

Xantrex inverters are the best and most popular inverter on the market because of their high efficiency and high reliability. This makes them ideal for all types of home-owner use from starting and running a submersible pump to operating a few lights and the TV. Reliability is where Xantrex inverters really set themselves apart. They are designed to protect themselves from every possible abuse—high and low battery bank voltage, high operating temperature, and shorted output. All this means that the user doesn't have to worry about inadvertently damaging their inverter. We have been selling Xantrex inverters for more than 15 years. The number of failures reported back to us has been phenomenally low—much less than 1%. Its nice to sell a product that delivers years of trouble-free service. It means less problems for us and most importantly—less problems for you!



XW Model Inverter

## New Xantrex XW Inverters



XW System: XW Inverter, XW Power Distribution Panel and XW60 Charge Controller

Xantrex has introduced a new line of inverters called the XW Hybrid Inverter/Charger. This family of true sine wave inverters does it all - 120/240 VAC, stand-alone, grid backup and grid-tie - in one inverter. In one beautifully designed package, with a pre-wired AC/DC disconnect, all your inverter needs are met. Sizes include 6kW and 4.5 kW 48VDC units and a 4 kW 24 VDC unit.

### Xantrex XW Model Inverters

740-001	XW4024 4000W 24V	\$3950
740-002	XW4548 4500W 48V	\$3950
740-003	XW6048 6000W 48V	\$4650

#### Key Features:

- 5 Year Warranty
- 120/240-volt split-phase, true sine wave output (no need for autotransformer or stacking inverters)
- Unsurpassed surge capacity - innovative Full Digital Control regulates voltage to prevent a drop during a power surge.
  - Full 200% rated output power is delivered to the load
  - Efficient, power factor corrected, high-current, multistage battery charging (minimizes recharge time, and electricity/fuel costs, and prolongs battery life)
  - Battery temperature Sensor Included
  - Certified to UL1741 and CSA for utility-interactive applications (no need to purchase an application specific model)
  - Easier and less expensive to install - mounting bracket is included and Power Distribution Panel includes all AC/DC disconnects and wiring (no need to individually purchase separate components)
  - Local display on inverter shows output power, charge current and battery level, to provide system status at-a-glance
  - Xanbus™ Network provides plug-and-play networkability (no need for separate hub or router)

## XW System Accessories:

### XW System Control with LCD Display:

741-011 XW System Control \$300

The XW System Control Panel features a graphical, backlit LCD display that provides system configuration and diagnostic information. The control unit is connected to the XW system components (XW inverter(s), XW charge controller(s) and auto generator start module) using Cat 5 cable in the Xanbus™ enabled network. No other connection devices are required except for the cat 5 cable between each component.



### XW Automatic Generator Start:

741-012 Automatic Generator Start \$200



This module automatically activates a generator to provide the power to the XW inverter to charge a depleted battery bank. The user can define whether the generator should be activated on low battery bank voltage, state-of-charge, or load on the inverters. The AGS can start both two and three wire start controls.

### XW Power Distribution Panel

741-010 Power Distribution Panel \$1800

Prewired for both AC and DC disconnects, it contains AC bypass breakers and a 250A inverter breaker. It is used on all three inverter models. Extra breakers can be added both for DC disconnects (XW charge controller, etc.) and AC circuits, including a generator AC input. We feel that it is necessary to use this distribution panel with any XW inverter installation and of course it is a necessary item for a code installation. The wire is cut-to-length, ready to connect to the inverter. Includes mounting plate and one XW conduit box.



# SCHNEIDER (XANTREX) INVERTERS

## XW System Accessories:

### XW Conduit Box

741-015 XW Conduit Box

\$175

Only necessary for multiple inverter installations.



### XW DC Panel Mount Circuit Breakers

741-019 15A \$35

741-018 20A \$35

741-017 30A \$35

741-014 60A \$25

741-020 80A \$35

Use for XW60 charge controller disconnects or any other DC load circuits.



### XW AC Panel Mount Circuit Breakers

343-5xx AC Circuit Breakers Single Pole 15,20,30,40,60 Amps \$15

343-6xx AC Circuit Breaker Double Pole 30 or 60 Amps \$40

DIN Rail mount AC circuit breakers for load disconnect on XW inverter systems.



### XW Pre-Wired System including XW60 charge controller, inverter cables and lightning arrestors.

XW 4024 System:

Input: 24 VDC Battery Bank

Output: 120/240 VAC Sine Wave

Charger: 150 amps at 24 VDC

Max. Array Input: 60 amps at 24VDC



740-001	Xantrex XW 4024 Inverter	\$3950.00
741-010	XW DC Disconnect	1800.00
741-012	XW Control Panel	300.00
730-061	Xantrex XW60 Charge Cont.	685.00
741-015	Two XW 60A Breakers	50.00
312-4010	10' 4/0 Inverter Cables	219.00
757-020	Two MidNiteDC Lightning Arrestors	238.00

Total: \$7242.00

**Special Kit Price: \$6069**

### Xantrex XW Series Sine Wave Inverter Specifications:

MODEL	XW4024	XW4548	XW6048
Power Output			
Continuous Power:	4000 watts	4500 watts	6000 watts
Output Current AC Amps:	L-L: 16.7 A	L-L: 18.8 A	L-L: 25 A
Surge Capability:			
10 second rating	8000 W	9000 W	12,000 W
Weighted Efficiency:	91%	93%	93.5%
Transfer Relay:	60 Amps rms	60 Amps rms	60 Amps rms

### Battery Charger

Multi-Stage Charging:	Bulk, absorption, float/silent, and equalize		
Maximum Charge Rate:	150 amps DC	85 amps DC	100 amps DC
AC Input Current:	L-L: 18.3 A	L-L: 20.6 A	L-L: 27.5 A
Bulk Voltage (default):	28.8 VDC	57.6 VDC	57.6 VDC
Float Voltage (default):	26.8 VDC	53.6 VDC	53.6 VDC
Absorption Time (default):	2 hours	2 hours	2 hours

### DC Input Requirements

Search Mode:	<8 watts	<8 watts	<8 watts
On Mode (no load):	24 watts	26 watts	28 watts
At Full Rated Power:	171 amps	95 amps	127 amps
DC Input Voltage (Nominal)	25.2 VDC	50.4 VDC	50.4 VDC
DC Input Voltage Range:	22 to 32 VDC	44 to 64 VDC	44 to 64 VDC

### AC Output Characteristics

Output Voltage:	L-n: 120 VAC +/- 3%	L-L: 240 VAC +/- 3%
AC Waveform:	True Sine Wave	
Frequency Regulation:	60 Hz +/- 0.1%	
Load Sensing:	8 to 255 watts (8 watts default)	
Listings:	UL 1741 1st Edition 2005; CSA107.1-01; FCC Class B	

### Standard Features

Adjustable Low Battery Protection  
 BTS— standard remote battery temperature sensor  
 Auxiliary Relay Output - 0-12 VDC, maximum 250 mA DC

### Options

XW System Control Panel  
 XW Power Distribution Panel  
 XW Conduit Wiring Box for AC & DC Connections  
 XW Automatic Generator Start

### Physical

Enclosure	NEMA Type 1 - Indoor		
Specified Temp Range:	32°F to 104°F		
Allowed Temp Range:	-13°F to 158°F		
Weight:	115 lbs	115 lbs	125 lbs
Dimensions	23" H x 16" W x 9" D		
Dimensions with Power Distribution Panel:	30" H x 32" W x 9" D		
Mounting:	Wall		