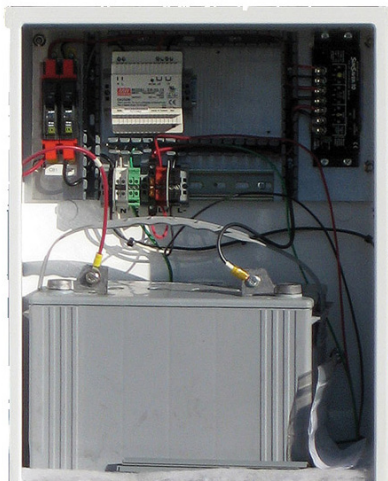


For continuous loads of 1-1000 watts



60 watt SWPB Power Online System



600 watt SWPB Power Online System



Pole Mounted, SWPB Power Online System

SunWize® Power & Battery Power Online Systems provide continuous DC power with battery backup from an AC source. These fully integrated, weatherproof units convert AC primary power to charge a 12 or 24 VDC sealed battery bank while powering a DC load or an AC load with integral inverter option.

Since the loads are connected to the battery bank 100% of the time, there is zero transfer time in the event of a loss of AC primary power. Various battery sizes are available to provide increased backup capability and improved filtering of the charger output.

Systems are housed in a weatherproof aluminum style enclosure with passive filtered venting, a universal key lock and tamper-proof hardware suitable for pole, wall or optional tower mounting.

SWPB Power Online Systems are available in two models covering a range of applications:

- **Series X** systems include industrial performance with rugged components and the widest range of power and system voltage options.
- **Series Y** systems include standard alarm capabilities as well as an integral LCD meter

**Shipping and handling:** SWPB Power Online Systems are designed to withstand rugged transportation to remote sites. Each subsystem is fully assembled and factory tested before shipment.

#### KEY FEATURES:

- Rated from -20°C to +60°C operational
- Temperature compensated, multi-stage battery charging
- Low voltage load disconnect
- NEC code compliant overcurrent protection and safety disconnect
- Solid state electronics
- Protection against lightning and voltage transients
- Input and output circuit protection
- UL, FM and CSA listed components
- Maintenance-free deep-cycle batteries
- Weatherproof enclosure suitable for pole, wall tower or pad mounting
- Full system warranty
- Pre-assembled for easy installation
- No environmental impact
- Low operating and maintenance costs
- Complete systems reduce specifying and buying time

For continuous loads of 1-1000 watts

### Series X Power Online Systems – Featuring 60W Battery Chargers

- Industrial-quality switch mode power supply with temperature-compensated 2-stage charging
- The robust UL-listed charger provides precision voltage regulation from -20° – +60°C
- Higher capacity battery banks require a separate ground mounted chest enclosure to accommodate batteries only
- 60W systems are set for 90-264VAC operation

### Series Y Power Online Systems – Featuring 150W 300W, 600W Battery Chargers

- Industrial-quality rectifier with temperature-compensated 3-stage charging
- The robust UL-listed charger provides precision 12 or 24V voltage regulation from -20° – +60°C
- Available in Optional 230V / 50Hz Models
- Systems can be field adjusted for 120 or 240VAC operation
- Higher capacity battery banks require a separate ground mounted chest enclosure to accommodate batteries only
- System includes standard a selectable digital meter display, status LEDs, and form C alarm contacts for AC failure, low battery voltage, charger failure and battery faults

### SUNWIZE POWER & BATTERY POWER ONLINE SYSTEMS – Features & Options

	Series X 60W	Series Y 150, 300, 600W
UL-listed charger	x	x
Temperature-compensated charging	x	x
Status LEDs	x	x
Digital LCD meter display	N/A	x
AC failure alarm contact closure	O	x
Low battery voltage alarm contact closure	O	x
High battery voltage alarm contact closure	N/A	x
Charger failure alarm contact closure	N/A	x
Battery fault alarm contact closure	N/A	x
Vented Industrial Passive Cooling	x	x
System warranty	1 year	1 year
Charger warranty (pass-through)	1 year	1 year

x = Standard feature O = Optional feature

**SHOP NOW**



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## STANDARD CONFIGURATIONS

PO – \_\_\_\_\_ – \_\_\_\_\_ – \_\_\_\_\_ – \_\_\_\_\_ – \_\_\_\_\_ – \_\_\_\_\_ – \_\_\_\_\_

CHARGER POWER      SYSTEM VOLTAGE      BATTERY AH      ENCLOSURE MOUNTING      ENCLOSURE FINISH      CHARGER FEATURE OPTIONS      SYSTEM OPTIONS

**Example:** PO600-24-108-FWY-a

**Charger Power** (Watts) 45, 60, 100, 120, 150, 240, 300, 600, 1000 and 2000

**System Voltage:** 12 Volts / 24 Volts / 48 Volts

**Battery Capacity in AmpHrs** (based on 120hr discharge rate)

### Enclosure Mounting Style

- F – Front opening hinged door, pole mounted
- T – Top opening hinged door battery enclosure, ground mounted with pole mounted controls

### Enclosure Finish

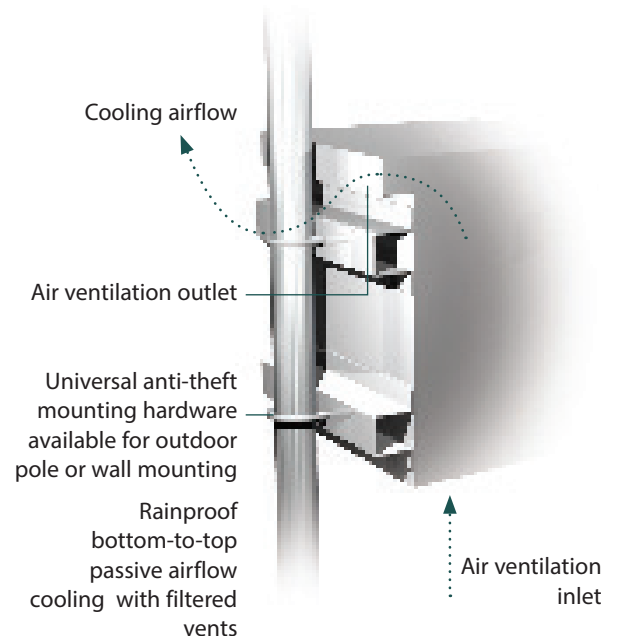
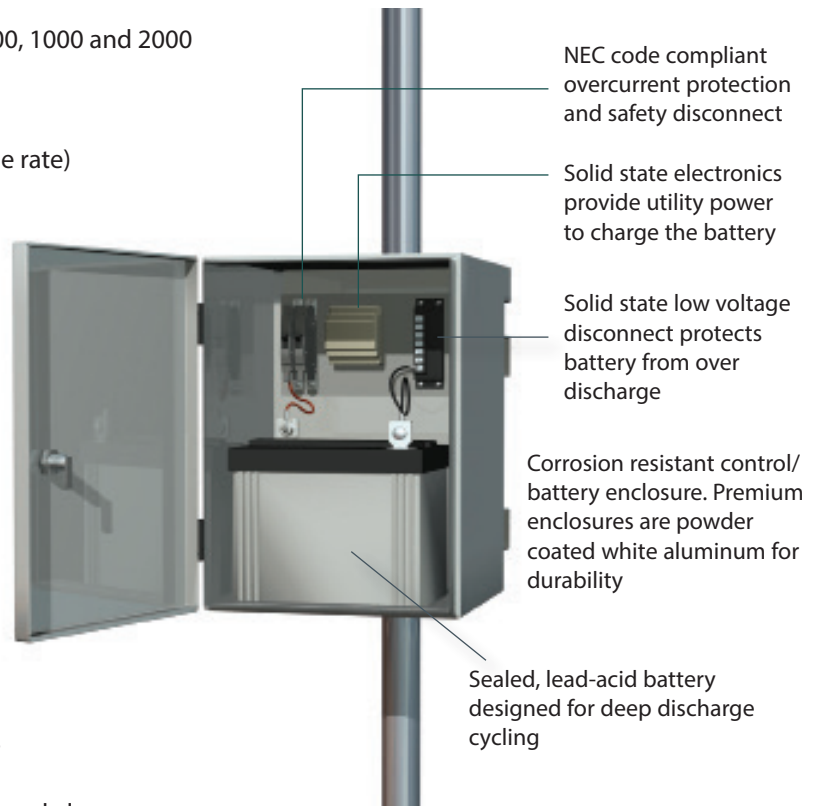
- W – Powder-coated white aluminum
- S – 304 stainless steel
- F – Fiberglass reinforced polyester

### Charger Feature Options:

- W – Class I Div II rated charger 90-264VAC 50/60Hz, w/integral alarm
- X – Standard charger 90-264VAC 50/60Hz, no integral alarms
- Y – Industrial charger 120/240VAC 60HZ, integral alarms and LCD Display
- Z – Mil-Spec sealed charger, 90-264VAC 50/60Hz, no integral alarms

### System Custom Options

- a – DC-to-DC converter for additional 12, 24 or 48V output
- b – DC-to-AC inverter for 120VAC/60HZ or 230VAC/50HZ
- e – Customer equipment integration
- g – LOC, load output cable
- h – BD, bird deterrent spikes on top of enclosure
- j – LVA, low battery voltage relay
- k – M, remote monitoring via SNMP or RS-232
- n – SP, surge protector for RF/coax protection
- o – DIN-rail kit on side/top plate
- p – PoE single port injector
- q – Door alarm relay
- r – AC Utility fault alarm relay
- x – Custom option



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