



600 watt Power Online System with 24 Vdc, 108AH GEL batteries, optional AC inverter and DC:DC converter



600 watt Power Online System with 48 Vdc, 120AH VRLA batteries, and custom system options

## SunWize® Power Online Systems

### For continuous loads of 1-1000 watts

SunWize Power Online Systems provide continuous DC power with battery backup from an AC source for applications such as microwave and cellular repeaters, Wi-Fi and WiMax networks, and RTU and SCADA. These fully integrated, weatherproof units convert AC primary power to charge a 12, 24 or 48 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.

Power Online Systems are available in three 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
- Series Z are military spec sealed systems for applications in the harshest environments requiring wide temperature performances.

### Features:

- Rated from -20°C to +60°C operational • UL, FM and CSA listed components
- 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 • Maintenance-free deep-cycle batteries
- Weatherproof enclosure suitable for pole, wall tower or pad mounting
- 20-year solar module warranty • Full system warranty
- Pre-assembled for easy installation
- No environmental impact • Low operating and maintenance costs
- Complete systems reduce specifying and buying time

### Shipping and handling:

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