

## PowerVerter™ APS Sine Wave Inverter/Chargers



APS2012SW

APSX6048VRNET

- Pure Sine Wave Power
- Up to 6000 Watts Continuous and 12000 Watts Peak Surge Output
- Automatic Transfer from AC Source to Reliable Battery Backup
- Protection Against Blackouts, Surges, Line Noise and Unstable Voltages
- Optional Network Interface (APSX6048VRNET Only)

### Provide Reliable Backup Power

Sine Wave Inverter/Chargers provide reliable mobile power, emergency power and backup power for generators and other AC power sources. They are especially useful in vehicles, at remote job sites and at other locations where the utility power grid is unreliable or unavailable.

- When an AC source is available, the Inverter/Charger conditions AC power before passing it to your equipment and simultaneously charges your user-supplied batteries.
- If an AC source is not available (during power failures, at remote sites, while driving or when your generator is turned off), the Inverter/Charger automatically switches to battery power and your equipment continues to operate without interruption. If an AC source becomes available again, the Inverter/Charger automatically switches back.

### Provide Sine Wave Output

Sine Wave Inverter/Chargers provide stable, microprocessor-controlled output with a pure sine wave. Sine wave power allows your equipment to run cooler, last longer and operate without the malfunctions and reduced performance caused by substandard power. Sine wave power also ensures maximum compatibility with sensitive electronics.

Many devices **require** sine wave power for proper operation, including a wide range of computers, servers, network devices, telecom hardware, variable-speed power tools, automated teller machines (ATMs), fluorescent lights, fans, digital clocks, laser printers, audio/video equipment and all electronics with active PFC power supplies. (Consult the owner's manual or contact the manufacturer for more information about power requirements for your equipment.)

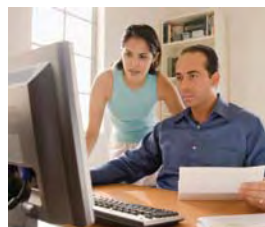
### RELIABLE POWER FOR MOBILE, EMERGENCY AND REMOTE SITE APPLICATIONS



Emergency and Service Vehicles



Remote Job Sites



Computers and Networking



Outages and Emergencies



Retail and Commerce



Telecommunications



Security and Alarm Systems



Generator Backup



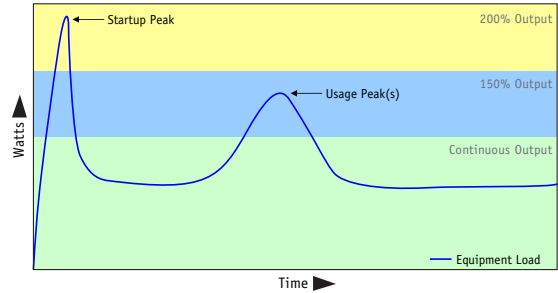
Off-Grid Locations



Trucks, Boats and Recreational Vehicles

## Handle Peak Power Demands

Many power tools, appliances and electronics require brief bursts of power that exceed their continuous wattage ratings, either at startup, during use or both. Sine Wave Inverter/Chargers temporarily provide extra output power to handle these peak surge demands without shutting down. By providing ample reserve power, Sine Wave Inverter/Chargers support a wider range of equipment and applications.



PowerVerter APS Inverter/Chargers handle your equipment's peak power demands at startup and during use without shutting down.

## MONITOR YOUR INVERTER/CHARGER FROM ANY LOCATION

With the addition of an optional network interface module (SNMPWEBSOLOHV), you can remotely monitor\* ASPX6048VRNET via SNMP, a Web browser, SSH or telnet and receive automated alerts via SNMP, RSS, e-mail or text message. You can also connect an optional sensor (ENVIROSENSE) to the network interface module to monitor temperature and humidity remotely.

\* Available remote data includes: AC input voltage/frequency, DC input voltage/frequency, unit status (shutdown imminent, AC present, charging, discharging, voltage outside acceptable range, boost/reduce voltage, overload, temperature fault), load (percentage), site wiring status, output source (normal, battery).

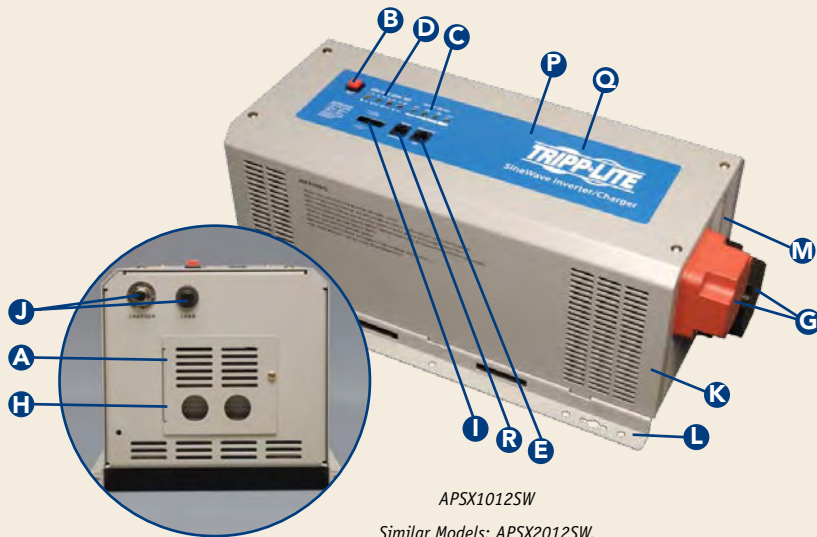
Monitor your ASPX6048VRNET Inverter/Charger from any location.

Receive user-definable alerts via SNMP, E-mail, text message or RSS.

Monitor hundreds of Inverter/Chargers through a single interface.

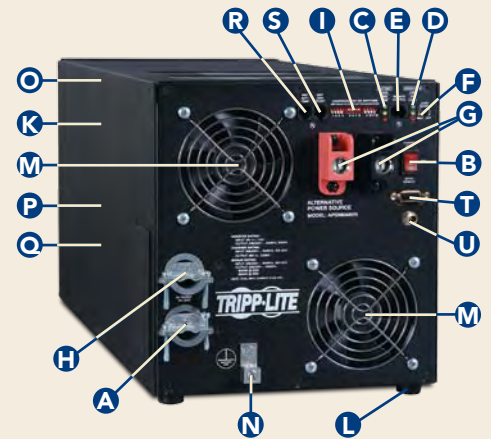
Utility Power      ASPX6048VRNET Inverter/Charger with SNMPWEBSOLOHV      Renewable Energy Systems

Sine Wave Inverter/Chargers can provide pure sine wave backup power to a variety of equipment in your home or business. You can also monitor ASPX6048VRNET from any location through the optional SNMPWEBSOLOHV network interface module.



APSX1012SW

Similar Models: APSX2012SW,  
APS1012SW, APS2012SW



APSX6048VRNET

Similar Model: APSX3024SW  
(Without Serial Port)



Optional Wired  
Remote Control  
(APSRMSW)



Optional Wired  
Remote Control  
(APSRM4)



Optional Network  
Interface Module  
(SNMPWEBSOLOHV)

- A Hardwire AC Output Terminals**
- B Operating Mode or On/Off Switch**
- C Battery Charge Level LEDs**
- D Operation LEDs**  
Indicate whether the Inverter/Charger is supplying power from an AC source or from battery. Also indicate overloads.
- E Remote Control Jack**  
Connects to optional APSRMSW or APSRM4 wired remote control.
- F Battery Conservation Dial**  
Adjusts the load level below which the Inverter/Charger shuts off to conserve battery power. (APSX3024SW and APSX6048VRNET only.)
- G DC Input Terminals**  
Connect to batteries with user-supplied cabling.
- H Hardwire AC Input Terminals**
- I Configuration DIP Switches**  
Customize settings for your application.
- J Circuit Breakers**
- K Durable Metal Case**
- L Integrated Mounting Feet/Flanges**
- M Cooling Fan**
- N Ground Connection**
- O Automatic Voltage Regulation (AVR)**  
Corrects abnormal voltages without draining battery power. Ideal for protecting equipment powered by AC sources with frequent voltage fluctuations. (APSX3024SW and APSX6048VRNET only.)
- P Pure Sine Wave Output**
- Q Fast Transfer Time**  
Ensures that sensitive loads will not be dropped when switching from AC to battery.
- R Battery Temperature Sensor Jack**  
Enables temperature-compensated charging to increase the lifespan of your batteries.
- S Remote Generator Controller**  
Automatically starts generator to keep batteries charged. (APSX3024SW and APSX6048VRNET only.)
- T RS-232 Serial Port**  
Connects to the optional SNMPWEBSOLOHV network interface module. (APSX6048VRNET only.)
- U 12V DC Connector**  
Supplies power to the optional network interface module. (APSX6048VRNET only.)

Note: Similar models not shown may vary slightly from models shown. Visit [www.tripplite.com](http://www.tripplite.com) for the latest product and ordering information.

Model	Continuous/ Peak Surge Output	Nominal AC Input and Output	AC and DC Input and Output Connections	Nominal DC Voltage	Battery Charger Capacity	Approximate Unit Dimensions (H x W x D) / Weight
<b>PowerVerter APS Sine Wave Inverter/Chargers</b>						
APS1012SW	1000/2000 W	120V, 50/60 Hz	Hardwire	12V	4 to 40 A*	19 x 23 x 46 cm / 16 kg
APS2012SW	2000/4000 W	120V, 50/60 Hz	Hardwire	12V	6 to 60 A*	19 x 23 x 57 cm / 23 kg
APSX1012SW	1000/2000 W	230V, 50/60 Hz	Hardwire	12V	4 to 40 A*	19 x 23 x 46 cm / 16 kg
APSX2012SW	2000/4000 W	230V, 50/60 Hz	Hardwire	12V	6 to 60 A*	19 x 23 x 57 cm / 23 kg
APSX3024SW	3000/6000 W	230V, 50/60 Hz*	Hardwire	24V	23 or 90 A*	26 x 23 x 32 cm / 30 kg
APSX6048VRNET	6000/12000 W	208/230 V, 50/60 Hz*	Hardwire	48V	23 or 90 A*	26 x 23 x 50 cm / 48 kg
<b>Accessories</b>						
APSRMSW	Optional wired remote control for APS1012SW, APS2012SW, APSX1012SW and APSX2012SW. Includes 10 m cord.					
APSRM4	Optional wired remote control for APSX3024SW and APSX6048VRNET. Includes 15 m cord.					
SNMPWEBSOLOHV	Optional network interface module for APSX6048VRNET. Allows monitoring via SNMP, Web, SSH or telnet.					
ENVIROSENSE	Optional temperature and humidity sensor. Connects to SNMPWEBSOLOHV.					
SU6000XFMR2U	Optional 6 kVA/6 kW step-down transformer for use with APSX6048VRNET. 208 V, 60 Hz hardwire input. 208 V and 120 V, 60 Hz output. 4 (5-15R) outlets, 8 (5-15/20R) outlets and 1 (L6-30R) outlet, plus hardwire output. 2U rackmount cabinet.					
2-9USTAND	Optional tower base stand kit for SU6000XFMR2U. Adjusts from 2U to 9U.					

Visit [www.tripplite.com](http://www.tripplite.com) for the latest product and ordering information. \* User-selectable.

## Cleaner, Greener Backup Power: Better for You, Your Equipment and the Environment



### Quiet, Fume-Free Operation

With no fumes, fuel or excess noise, Inverter/Chargers are better for applications where generators would be hazardous (such as indoors) or too loud (such as residential areas or outdoor areas during quiet hours).



### Fewer Trips to the Pump

Inverter/Chargers do not consume fuel, drawing power from your AC source or battery system instead. Inverter/Chargers also store power while your generator is running, allowing you to turn it off to save fuel without turning off your equipment.



### More Stable Power

Sine Wave Inverter/Chargers produce stable, microprocessor-controlled output power with a pure sine wave. Unconditioned generator output can compromise the reliability of your equipment by producing unstable voltages and surges. Inverter/Chargers are ideal for backing up generators and conditioning generator output to protect your equipment.



### Less Maintenance

Inverter/Chargers provide years of trouble-free operation without maintenance and allow you to run generators less often, reducing repair and replacement expenses.



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