

POWERVERTER® APS

Inverter/Charger Systems

An Alternative Power Source for Every Application



**APPLICATIONS • barcode readers • cash registers • copiers
printers • electronic doors • ATM machines • fax machines
light systems • telephone systems • computer systems
security systems • alarm systems • clocks
ventilation systems**

ALTERNATIVE POWER SOURCE

When utility power becomes unavailable, the APS automatically senses the loss of power and switches to battery backup. Users can connect as many batteries as needed to power critical equipment through extended blackouts. Backup time is virtually unlimited, dependent only upon the number of external batteries connected to the APS.

INCREASED AVAILABILITY

Integrated battery chargers are industrial strength and highly efficient, rapidly bringing batteries back to full capacity when AC utility power is restored. With recharge rates as much as 10-20 times faster than a traditional UPS system, an APS provides superior availability and reliability in areas that experience frequent and prolonged blackouts. To improve efficiency and runtime, a user-adjustable recharge rate can be configured to suit the number of batteries connected to the APS.

CONVENIENT CONNECTION

Models APSX750 and APSX1250 include an input plug and AC output receptacles, providing maximum connection convenience. These units can recharge their batteries from a wall outlet, and equipment can be plugged directly into their receptacles. Hardwire models connect directly to the power grid, creating a permanent AC connection.

SAFE, CLEAN OPERATION

Unlike other emergency power supplies such as gas generators, PowerVerter APS systems produce computer-grade power that is also ecologically sound. They run on sealed batteries, generate no dangerous fumes and produce no disruptive noise.



POWERVERTER® APS INVERTER/CHARGER SYSTEMS

SUPERIOR INVERTER TECHNOLOGY

- **High-Efficiency Output**
90% high efficiency transfer of battery power helps you get the most from your battery charge
- **Peak Power Surge Support**
Start up electrical motors and other heavy inductive load equipment with short-period surge power (up to 200% of rated continuous output)
- **Adjustable UPS Transfer Points**
Enhance APS battery backup operation with selectable low and high voltage transfer points
- **Frequency-Controlled Output**
Modified sine wave output is compatible with sensitive computer systems and electronics
- **Front Panel LEDs**
Display complete APS status information, including Line Power Status, Inverter Operation, Overload Status and Battery Voltage Level
- **Advanced Operation Settings**
Maximize operating efficiency with customizable load share and charge equalization settings on select models



APSX1250



APSINT2424

PREMIUM CHARGING CAPABILITIES

- **Advanced 3-Stage Battery Charger**
Provides fast, safe battery recharge and charge maintenance with 3-stage bulk, absorption and float charging sequence
- **Automatic Overload Protection**
Protects the APS and connected batteries from damage due to system overload
- **Battery Type Selector**
Adjusts absorption and float voltage levels to offer rapid recharge of both sealed gel-cell and vented wet-cell batteries
- **Front Panel DC Connectors**
Allow easy connection to a vehicle battery or other user-supplied batteries (sealed gel-cell or vented wet-cell)
- **Convenient Remote Connector**
All PowerVerter APS Systems accept an optional remote control module (Tripp Lite Model APSRM4) that provides complete remote monitoring and control from up to 50 feet away.

TECHNICAL SPECIFICATIONS

Model	Input	Continuous Output	Peak Output	Charger Output	Outlets	LEDs	Dip Switch	Weight	Dimensions (H x W x D)
APSX750	12V DC	750 watts	1500 watts	20 amps	2	6	A	8.4 kg	17.8 x 22.2 x 22.9 cm
APSX1250	12V DC	1250 watts	2500 watts	30 amps	2	6	A	10.9 kg	17.8 x 22.2 x 22.9 cm
APSINT2012	12V DC	2000 watts	4000 watts	60 amps	HW	6	B	19.1 kg	17.8 x 21.60 x 35.6 cm
APSINT2424	24V DC	2400 watts	4800 watts	30 amps	HW	6	B	19.5 kg	17.8 x 21.60 x 35.6 cm
APSINT3636VR	36V DC	3600 watts	7200 watts	30 amps	HW	8	B	26.3 kg	17.8 x 21.60 x 35.6 cm

A = User-adjustable dip switch determines battery type, low/high voltage transfer points. B = User-adjustable dip switch(es) determine load share, battery equalize, battery type, low/high voltage transfer points.

Tripp Lite manufactures a complete line of UPS systems to meet any power protection need!

SMARTONLINE™ UPS SYSTEMS

True on-line battery backup for mission-critical applications

SmartPro® UPS SYSTEMS

Advanced line-interactive battery backup for networks and servers

Omni VS / AVR UPS SYSTEMS

Line-interactive battery backup for PCs and workstations

Internet UPS SYSTEMS

Internet-ready standby battery backup for computers and peripherals



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