

POWERVERTER® APS

Inverter/Charger Systems

An Alternative Energy Source For Every Situation



Tripp Lite's versatile APS Series of high-efficiency DC to AC Inverters offers an alternative source of affordable AC power in both off-grid and emergency situations.

An APS Series Automatic Power System can be used in a variety of ways:

ALTERNATIVE ENERGY SOURCE

Many remote locations and developing countries are not provided with reliable utility power. In these areas, it is necessary to have an APS system available to power AC electronics and appliances during blackouts.

When utility power is unavailable, the APS automatically senses the loss of power and switches to battery backup. Users can supply as many batteries as needed to power critical equipment through extended blackouts. Integrated battery chargers bring batteries back up to full capacity when AC line power is available.

APS systems are also the perfect compliment to modern solar and wind powered energy home systems, as they are a reliable source of AC power when renewable sources become unavailable.

UNINTERRUPTIBLE POWER SUPPLY

Computer systems, telecom systems, security devices and non life-support emergency equipment (such as sump pumps and lighting) can be provided with extended-run UPS protection by way of an APS system. Adjustable battery backup operation for locations prone to extended brownouts or overvoltages. User supplied batteries and cabling make an APS an extremely low cost, dependable UPS system.

AUTOMOTIVE INVERTER

Connect an APS to your vehicle's battery and it will supply power to appliances, radios, TV/VCRs, power tools and other AC devices. The APS offers battery recharging capabilities when plugged into AC line power. APS systems are ideal for use with recreational vehicles (RVs), boats and service fleet vehicles.

Portable Power for Work or Recreation

POWERVERTER® APS INVERTER/CHARGER SYSTEMS

SUPERIOR INVERTER TECHNOLOGY

- **High-Efficiency Output**
90% high-efficiency transfer of battery power lets you get the most from your battery charge
- **Peak Power Surge Support**
Start up electric 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



APS 912 • APS 1024
APS 2012 • APS 2424



APS 512

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 APS system 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
- **Charge-Only Mode**
Enables battery charging when AC is present while disabling UPS transfer
- **Front Panel DC Connectors**
Allow easy connection to a vehicle battery or user-supplied batteries (sealed gel cell or vented wet cell)
- **Convenient Remote Connector**
APS 512 accepts an optional 2-position switch allowing remote on/off control. APS 912 and larger accept APS REMOTE module that displays LED information and switches between auto remote, off and charge-only modes.

TECHNICAL SPECIFICATIONS

Model	Input	Continuous Power	Surge Power	Battery Charger Output	Outlets	LEDs	Dip Switch	Weight	Dimensions
APS 512	12V DC	500 watts	1000 watts	20 amps	2	A	B	16 lb.	7" x 7" x 10"
APS 912	12V DC	900 watts	1800 watts	30 amps	2	A	B	39 lb.	7 1/8" x 8 1/2" x 16 1/2"
APS 1024	24V DC	1000 watts	2000 watts	15 amps	2	A	B	39 lb.	7 1/8" x 8 1/2" x 16 1/2"
APS 2012	12V DC	2000 watts	4000 watts	60 amps	Hardwire	A	C	48 lb.	7 1/8" x 8 1/2" x 16 1/2"
APS 2424	24V DC	2400 watts	4800 watts	30 amps	Hardwire	A	C	52 lb.	7 1/8" x 8 1/2" x 16 1/2"
APS 3636	Coming Soon 24V DC	3600 watts	7200 watts	45 amps	Hardwire	A	C	55 lb.	7 1/8" x 8 1/2" x 16 1/2"
APS REMOTE	Remote control module with 50' cord and RJ45 connection; controls operating mode and reports LED information								

A=On Utility Power, On Battery Power, Load/Overload, Battery HI/Med/Low B=Battery Type, Low/High Voltage Transfer Points C=Load Share, Battery Equalize, Battery Type, Low/High Voltage Transfer Points

* Technical Specifications subject to change.

POWERVERTER® DC-TO-AC INVERTERS

Tripp Lite manufactures a complete line of PowerVerters to meet any portable power need!



ULTRA-COMPACT

Recommended for:
Laptop Computers,
Small Appliances,
Audio/Video
Equipment



GENERAL-PURPOSE

Recommended for:
Power Tools,
Appliances



HIGH-PERFORMANCE

Recommended for:
Motor-Driven Equipment,
Refrigerators,
Microwave Ovens,
Heavy-Inductive Loads



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