

TRIPP LITE'S APS2012



- 12V DC input; 120V AC output; hardwired
- 2000 watts continuous output;
3000 watts power for up to an hour;
4000 watts peak power for up to 10 seconds
- Advanced battery charger
- Fast load switching with less transfer time

Tripp Lite's APS2012 3-function DC-to-AC inverter with automatic line-to-battery transfer and integrated charging system serves as an extended run UPS, a standalone power source or an automotive inverter. When hardwire input AC cable is energized, commercial power passes through to connected equipment and the battery set is recharged via 3 stage, 20/60 amp selectable charging system. In UPS mode, the APS system responds to blackouts and brownouts with an uninterrupted transfer to battery-derived AC output. Includes a set of high current DC input terminals for simple installation (user supplies batteries and cabling). Reliable large transformer design with efficient PWM sine wave output and frequency control powers resistive electronic loads or large inductive motors, compressors and other items with high current needs on startup. Supports an unlimited amount of runtime with any number of user-supplied batteries connected. Highly adaptable to a variety of applications and site conditions with adjustable charger settings for wet / gel battery types and selectable line to battery power transfer voltages.

Power Verter APS Inverters accommodate "peak surge" demands by delivering more output power than their continuous rating. Compare the "Continuous" and "Peak Surge" wattage ratings, and you'll find Power Verter Plus Inverters supply up to double their output to easily handle equipment start up and motor cycling requirements. A Double Boost feature provides up to 200% of the continuous output for up to 10 seconds, providing the extra power needed to cold start heavy-duty tools and equipment. An Over Power feature delivers up to 150% of the continuous output for up to 1 hour.

FEATURES:

- Functions as an extended run UPS system, standalone power source and automotive inverter
- Includes hardwire AC input and auto-transfer to enable battery charging and automatic UPS support for blackouts and brownouts
- 2000 watts continuous output power; provides up to twice this rating for momentary startup of inductive loads
- Battery runtime is dependent upon the size and number of user-supplied batteries in 12V configuration
- Hardwire input and output connections supported, DC input terminals for 12V battery connection
- Converts 12V DC to 120V AC
- Frequency control for operating stability
- Advanced 20/60 amp selectable, 3-stage battery charger and selector switch for gel or wet cell batteries
- Resettable circuit breaker protects APS against system overload
- Switch allows user to select between off, auto-invert and charge-only settings
- 6 diagnostic LEDs indicate AC present, on battery, overload, & battery voltage level (high, medium, & low)
- Configuration switches to allow the user to select the high and low voltage for the unit to automatically transfer from AC power to battery backup
- Coated internal circuit boards offer continuous operation in humid environments (0-95%, non condensing)
- RJ45 port allows connection of APS remote switch (part# APSRM)
- Allows unlimited runtime capability by allowing the use any number of user-supplied batteries