Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

PowerVerter APS INT 1000W 12VDC 230V Inverter/Charger with Pure Sine Wave Output, Hardwired

MODEL NUMBER: **APSX1012SW**







Highlights

- Clean Pure Sine Wave output
- 12V DC or 230V AC input; 230V, 50 Hz output (hardwired)
- 1000 watts continuous output, 2000 watts peak output
- Selectable 4/40 amp wet/dry cell battery charger
- Quiet, high efficiency operation, high surge capacity and low idle current
- Seamless transfer switching

Applications

Multipurpose inverter/charger with seamless transfer switching. Uses include conversion vans, fleet service vehicles a stand alone power source for off grid alternative energy with transfer times of 8-12 milliseconds.

Package Includes

- APSX1012SW inverter/charger
- Instruction manual with warranty information

Description

Provide clean, reliable pure sine wave power for all your alternative energy needs with the Tripp Lite APSX1012SW. This inverter/charger supplies 1000 watts of continuous 230V AC power. Reliable large transformer design and frequency control powers resistive loads like refrigerators, motors, pumps, compressors and laser printers as well as electronic loads like TV's, computers, power tool and battery chargers. The 3-stage charging system will properly charge and maintain your vehicle's battery or separate battery bank. The charge rate is selectable so you can use a variety of battery sizes , as well as multiple batteries to fit your run time requirements.

Features

- Pure sine wave output
- Continuous output inverter and high power battery charger
- Quiet, high efficiency operation, high surge capacity and low idle current
- Supply energy to various loads such as resistive load
- Seamless transfer switching
- Load sensing adjustable
- Unlimited back up time with user supplied batteries

Specifications

OUTPUT	
Frequency Compatibility	50 Hz
Output Receptacles	Hardwire
Output (Watts)	1000

Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Continuous Output Capacity (Watts)	1000
Peak Output Capacity (Watts)	2000
Output Nominal Voltage	230V
Output Voltage Regulation	Nominal 230v +/- 5% until LBW. Peak coltage 360v
Output Frequency Regulation	50/60 Hz (+/- 0.5 Hz)
Overload Protection	Includes 15A input breaker dedicated to the charging system and 15A output breaker for AC output loads
Pure Sine Wave Output	Yes
INPUT	
Nominal Input Voltage(s) Supported	230V AC
Recommended Electrical Service	DC INPUT: Requires 12VDC input source capable of delivering 240A for the required duration (when used at full continuous capacity - DC requirements increase during OverPower and DoubleBoost operation). For automotive applications, professional hardwire installation with 400A minimum battery system fusing is recommended.
Maximum Input Amps / Watts	DC INPUT: Full continuous load - 240A at 12VDC. AC INPUT: 17 amps at 230VAC with full inverter and charger load (8.7A max charger-only / combined input load to support charger and AC output is automatically controllable to 66%-33%-0% based on AC output loading using the charger limiting set points - see manual for setting instructions)
Input Connection Type	DC INPUT: Set of 2 DC bolt-down terminals. AC INPUT: Hardwire via built in junction box with cover plate
Voltage Compatibility (VAC)	230
Voltage Compatibility (VDC)	12
BATTERY	
Expandable Battery Runtime	Runtime is expandable with any number of user supplied wet or gel type batteries
DC System Voltage (VDC)	12
Battery Charge	Includes 4/40 amp DC charging system adjustable.
Expandable Runtime	Yes
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Set of front panel LED's display inverter status, charger status, as well as battery voltage status
Switches	The inverter provides a RJ-45 port for optional APSRMSW remote control. RJ45 port operates with standard RJ485 interface (APSRMSW sold separately)
Audible Alarm	Audible status indicators 10.5V (low battery)/21V start alarm
PHYSICAL	
Unit Dimensions (hwd / in.)	7.25 x 8.75 x 18
Unit Dimensions (hwd / cm)	18.41 x 22.22 x 45.72
Unit Weight (lbs.)	35.5
Unit Weight (kg)	16
Cooling Method	Fan
Material of Construction	Powder coated Steel

Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Receptacle Color	Grey
Form Factors Supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
SPECIAL FEATURES	
Remote Control Capability	Yes
WARRANTY	
Product Warranty Period (U.S. & Canada)	2-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	2-year limited warranty
Product Warranty Period (Puerto Rico)	2-year limited warranty

© 2015 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: http://www.tripplite.com/products/product-certification-agencies