



**Tripp Lite**  
 1111 West 35th Street  
 Chicago, IL 60609 USA  
 Telephone: +(773) 869 1234  
 E-mail: [saleshelp@tripplite.com](mailto:saleshelp@tripplite.com)

## Model #: APS750

### PowerVerter APS Inverter/Charger - with Auto-Transfer Switching



#### Highlights

- 12V DC or 120V AC input; 120V AC output; 2 outlets
- 750 watts continuous, 1125 watts OverPower™ and 1500 watts DoubleBoost™ inverter output
- 3 stage, 20 amp selectable wet/dry cell battery charger
- Auto Transfer Switching option for battery backup / UPS operation
- Reliability enhanced large-transformer design with protected DC wiring terminals

#### Applications

- Versatile inverter/charger system with auto-transfer switching serves as an automotive inverter for RVs, over-the-road trucking, conversion vans and fleet service vehicles; a standalone alternative power source for off-grid, alternative energy or export applications and as an uninterruptible power supply (UPS) for items compatible with a 16.6 millisecond transfer time.

#### Package Includes

- APS750 Inverter/Charger
- Instruction manual with warranty information

#### Specifications

OVERVIEW	
Intended Application	Emergency Home Power
SYSTEM OVERVIEW	
Voltage compatibility	12V DC / 120V AC
OUTPUT	
Frequency compatibility	60 Hz
Output watts	750W (continuous) / 1500W (peak)
Continuous output capacity (watts)	750
Peak output capacity (watts)	1500
Output nominal voltage	120V
Output voltage regulation	LINE POWER (AC): Maintains 120V nominal sine wave output from line power source. INVERTER POWER (AC): Maintains PWM sine wave output voltage of 120 V AC (+/-5%).

<b>Output frequency regulation</b>	60 Hz (+/- 0.3 Hz)
<b>Overload protection</b>	Includes 6A AC input breaker dedicated to the charging system and 8A output breaker for AC output loads
<b>Outlet quantity / type</b>	2 AC outlets
<b>INPUT</b>	
<b>Recommended Electrical Service</b>	
<b>Maximum input amps / watts</b>	DC INPUT: Full continuous load - 72A at 12V DC. AC INPUT: 8 amps at 120VAC with full inverter and charger load (4.2A max charger-only)
<b>Input connection type</b>	DC INPUT: Set of 2 DC bolt-down terminals. AC INPUT: NEMA 5-15P input plug
<b>Input cord length (ft.)</b>	DC INPUT: User supplies cabling. 6 gauge or larger (see manual). AC INPUT: attached 6 ft. AC line cord with plug
<b>BATTERY</b>	
<b>Expandable battery runtime</b>	Runtime is expandable with any number of user supplied wet or gel type batteries
<b>DC system voltage</b>	12V
<b>Battery recharge rate</b>	20A
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>Switches</b>	3 position on/off/remote switch enables simple on/off power control plus "auto/remote" setting that enables distant on/off control of the inverter system when used in conjunction with optional <a href="#">APSRM4</a> accessory when used in inverter mode. In AC uninterrupt
<b>Front panel LEDs</b>	Set of 6 LEDs offer continuous status information on load percentage (6 levels reported) and battery charge level (7 levels reported). See manual for sequences.
<b>SURGE / NOISE SUPPRESSION</b>	
<b>AC suppression joule rating</b>	450 joules
<b>PHYSICAL</b>	
<b>Shipping weight (lbs)</b>	18.6
<b>Shipping weight (kg)</b>	8.4
<b>Cooling method</b>	Multi-speed fan
<b>Unit Dimensions (HWD/in)</b>	7 x 8.75 x 9
<b>Unit Dimensions (HWD/cm)</b>	17.78 x 22.23 x 22.86
<b>Shipping Dimensions (HWD/in)</b>	12.5 x 11 x 10.75
<b>Shipping Dimensions (HWD/cm)</b>	31.75 x 27.94 x 27.31
<b>Unit weight (lbs)</b>	17
<b>Unit weight (kg)</b>	7.7
<b>Material of construction</b>	Polycarbonate
<b>Receptacle Color</b>	BLACK

<b>Style</b>	Heavy-duty with built-in battery charger
<b>Form factors supported</b>	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
<b>ENVIRONMENTAL</b>	
<b>Relative Humidity</b>	0-95% non-condensing
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time from line power to battery mode</b>	16.6 milliseconds (typical - compatible with many computers, servers and networking equipment - verify transfer time compatibility of loads for UPS applications)
<b>Low voltage transfer to battery power</b>	In AC "auto" mode, inverter/charger switches to battery mode as line voltage drops to 75V (user adjustable to 85, 95, 105V - see manual)
<b>High voltage transfer to battery power</b>	In AC "auto" mode, inverter/charger switches to battery mode as line voltage increases to 135V (user adjustable to 145 - see manual)
<b>SPECIAL FEATURES</b>	
<b>Remote control capability</b>	Yes
<b>WARRANTY</b>	
<b>Standard warranty period</b>	1 year (Outside the U.S. and Canada, call for warranty information)

## Related Items

### Optional Products

Product Type	Related Model	Description	Qty.
Replacement Batteries	<a href="#">98-121</a>	12V DC Sealed, Maintenance-Free Battery	-
Inverter Accessories	<a href="#">APSRM4</a>	Remote Control Module - for Tripp Lite Inverters and Inverter/Chargers	-
External Battery Housings	<a href="#">BP-260</a>	Ideal battery housing for use with Tripp Lite PowerVerter APS inverter/charger systems with a 12 or 24V DC system voltage.	-

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=2938](http://www.tripplite.com/en/products/model.cfm?txtModelID=2938).