



DATA SHEET

Powerverter Inverters



Tripp Lite is a world leading manufacture of power protection and inversion equipment with a long history of innovation and a reputation for quality. The PowerVerter range of inverters and inverter/chargers are designed particularly for converting DC power to 240V AC, while the inverter/chargers also convert AC supply to DC and are suitable for various battery charging and uninterrupted power supply (UPS) applications. All are state-of-the-art products incorporating many advanced features and are particularly designed for long life and efficient operation.

POWERVERTER ULTRA COMPACT INVERTER

Specifically designed for providing small scale AC power supply from any DC source, particularly from an automotive output, PowerVerter offer the following particular features:-

- Converts 12V DC to modified sine wave AC 220/240V, 50Hz power.
- DC input cable designed for 12V automatic cigarette lighter connection.
- Ultra compact with a rugged all metal casing.
- Reduced voltage input alert and automatic low voltage (10.5V) cut-off.
- Built in cooling-fan for extended usage operation.

POWERVERTER APS INVERTER/CHARGER

PowerVerter APS inverter/chargers are high specification multi-function inverters with auto-line-to-battery transfer and integrated charging systems that feature reliable large transformers with efficient Pulse Width Modulation (PWM) sine wave output and frequency control. They are specially suited for powering resistive electronic or large inductive loads with high current needs on start-up in various configurations as follows:-

Extended Run UPS - Responds to mains power failures with an uninterrupted change over to battery derived AC power, run time being determined by the number of user-supplied batteries connected.

Stand Alone Power Source - For the supply of AC power from DC generated outputs including off-grid PV solar modules and automotive sources.

Battery Charger - For the charging of all batteries from an AC power source.

Particular features include:-

- Provides up to twice the rated power output for momentary start-up of inductive loads.
- 2 AC outlets.
- Selectable options between auto-invert, off and charge only settings.
- Two sets of indicator LED's monitoring battery charge status and connected load level.
- Advanced 3 stage battery charger with switch for battery type selection.
- Low battery and inverter overload alarms.
- APSINT 3636VR and APSX6048VR models include built in Voltage Regulation to condition the power input.

SPECIFICATIONS

Model	PVINV 375	PVX 700	APSX 750	APSX 1250	APSINT 2012	APSINT 2424	APSINT 3636VR	APSX 6048VR
Output Power	375W	700W	750W	1250W	2012W	2400W	3600W	6000W
Surge Capacity	600W	1400W	1500W	2500W	4000W	4800W	7200W	12000W
DC Input Voltage (Nominal/Range)	12V/10-15V	12V/10-15V	12V/10-15V	12V/10-15V	12V/10-15V	24V/20-30V	36V/30-45V	48V/40-60V
AC Output Voltage/Frequency (Nominal)	240V/50Hz	240V/50Hz	240V/50Hz	240V/50Hz	240V/50Hz	240V/50Hz	240V/50Hz	240V/50Hz
Output Waveform	Modified Sine Wave	Modified Sine Wave	PWM Sine Wave	PWM Sine Wave	PWM Sine Wave	PWM Sine Wave	PWM Sine Wave	Pure Sine Wave
Max Input Amps/Watts	25A at 12VDC, No load - 0.24A	80A at 12VDC, No load - 0.95A	DC - 72A at 12VDC, AC - 6.2A at 240VAC	DC - 125A at 12VDC, AC - 6.2A at 240VAC	DC - 192A at 12VDC, AC - 38A at 240VAC	DC - 112A at 12VDC, AC - 44A at 240VAC	DC - 114A at 36VDC, AC - 26A at 240VAC	DC - 145A at 48VDC, AC - 30A at 240VAC
Charger Capacity	N/A	N/A	20/5A	30/7.5A	60/15A	30A	30A	90/23A
Unit Weight(kg)	1	3	8	11	19	18	28	48
Inverter Dimensions (HXWXD) cm	5X10X18	7X21X13	18X22X23	18X22X23	18X22X36	18X22X41	18X22X41	25X23X50
Material of Construction	Aluminium / Sheet Metal	Aluminium / Sheet Metal	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Cooling Method	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan

NB. Contents herein are not warranted. The right is reserved to amend specifications without notice.

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