

POWER INVERTER LCD SERIES

EP 500VA-2000VA

Modified Sine Wave Inverter Ideal Long Backup for Home and Office Appliances
The PG series converts DC power into AC power. With a continuous output and compact design, the units ideal for running TVs, Stereos, laptop and desktop computers and other home appliances. PG series will automatically transfer to inverter and provide power when AC supply is interrupted unexpectedly.

Modified Sine Wave



APPLICABLE



- LONG BACKUP
- AVR
- TEL/MODEM PORT
- SOFTWARES
- SURGE PROTECTION
- DIGITAL DISPLAY
- LIGHTNINGPROOF



POWERMAX SPECIFICATION

MODEL		EP500	EP1000	EP1000	EP2000
CAPACITY	VA/W	500VA/300W	1000VA/600W	1000VA/600W	2000VA/1200W
INPUT	Nominal Voltage	110/120VAC or 220/230/240VAC			
	Voltage Range	90–145VAC or 170–280VAC(Narrow Range)			
		50–145VAC or 90–280VAC(Wide Range)			
OUTPUT	Voltage	120VAC or 230VAC			
	Voltage Regulation (Batt Mode)	10%–18%			
	Frequency	50Hz or 60Hz			
	Frequency Regulation (Batt. Mode)	± 0.1Hz			
	Output Waveform	Modified Sinewave			
BATTERY & CHARGER	Charger Current	10Amp ± 1Amp	10Amp ± 1Amp	10Amp ± 1Amp	10Amp ± 1Amp
	DC Voltage	12V	12V	24V	24V
	Overcharge Protection	15V		30V	
TRANSFER TIME	Typical	15ms Typical 50ms Max.			
EFFICIENCY	AC to AC	>95%			
	DC to AC	>80%			
INDICATOR	AC Mode	Green lighting			
	Battery Mode	Yellow lighting			
	Battery Charging Mode	Green Flashing Every 2 Seconds			
	Overload	Red Flashing every 0.5 second			
	Fault	Red Lighting			
AUDIBLE ALARM	Low Battery at Battery Mode	Sounding Every 2 seconds			
	Overload	Sounding every 0.5 second			
	Fault	Continuously sounding			
PROTECTION	Full Protection	Discharge , Overcharge, And Overload Protection			
PHYSICAL	Dimension D x W x H (mm)	224 x 255 x 80			
	Net Weight (Kgs)	2.0	2.3	2.5	2.5
ENVIRONMENT	Oprating Environment	0–40C 0–90% Relative Humidity (non–condensing)			
	Noise Level	Less than 50 dB			

* Product specifications are subject to change without further notice

