

12V - 750VA INVERTER



APPLICATION



Laser printer
600 VA

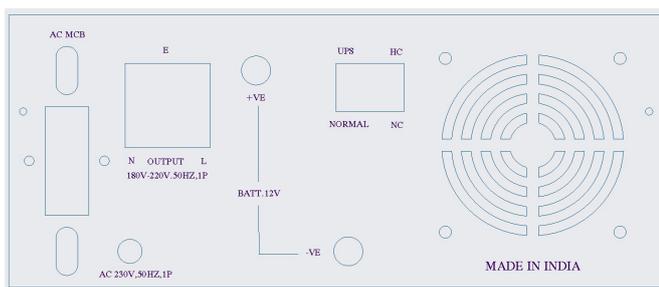


Music system
500 VA



Air cooler
750 VA

SCHEMATIC



BENEFITS

- n Advance i-DSP technology delivers a pure sine wave output suitable for electrical and electronic loads
- n More back-up time achieved through intelligent smart design of transformer using primary copper
- n 100% copper design for long life and it delivers 15 A charging current for quick charging of battery
- n Charging technique for superior performance of battery
- n Intelligent program reduces grid power consumption for recharging of battery
- n Enhanced output voltage for battery performance of TV, Lights, Fans, Computer, etc
- n Wide operation voltage range, charges battery at low voltage, increased battery life

FEATURES



Pure sine wave output



FARBER-CHARGER™
Technology increases battery
lifetime



FARBER-TECHTOR™
Technology protects against low
battery



FARBER-TECHTOR™
Technology protects against short
circuit



SPECIFICATION

MODEL NUMBER		FA-INV-12V-750VA
Capacity	750VA	
	NARROW MODE	WIDE MODE
Mains undervoltage cutoff /recovery	180 V / 190 V	100 V / 110 V
Mains overvoltage cutoff /recovery	265 V / 255 V	295 V / 285 V
Battery charging voltage	180 VAC to 265 VAC	100 VAC to 295 VAC
Output voltage (no load)	230 V	
Changeover time	≤ 10 milliseconds	≤ 20 milliseconds
BATTERY		
Quick charge current	13.5A	
Normal charge current	10A	
Boost charge voltage	14.5V	
Float charge voltage	13.8V	
Low battery cutoff point	10.4V	
Number of batteries	1 *12VDC	
Recommended battery	65 AH to 200 AH	
Charge method	Constant current ,followed by constant voltage	
Output waveform	Pure sine wave	
Output frequency (UPS mode)	50 HZ	
Efficiency	≥80%	
Operation temperature	0 to 45°C	
LED indicators	Mains,charging,UPS,low battery, overload	
Audible alarm	Low battery,overload,short circuit	
PROTECTIONS		
Overload	105% load on UPS (auto reset within 5 re-tries)	
overcharge	Control battery voltage and current through software	
Short circuit	MCB Tripe in Main mode and UPS gets shut down in Back-up mode	
Thermal	UPS get shut down when temperature reaches to 95 at inside UPS	
Battery reverse polarity	DC fuse on PMB will fail when battery terminals connected wrongly	
Battery deep discharge	UPS will shut down when battery voltage reaches to 10.4 (per battery)	
PACKING INFORMATION		
Quantity	1 piece	
Net weight	8.4kg	
Gross weight	10.3 kg	
Dimensions	32.5 x 32.5 x 17.0 cm	



FARBER-CHANGER™

Technology for instant change-over between power and battery and vice-versa



FARBER-CHARGER™

Quick charge / normal charge options



FARBER-TECHTOR™

Technology protects against overload



FARBER-TECHTOR™

Technology protects against reverse polarity