

12V - 1500VA INVERTER



APPLICATION



Air cooler
750 VA

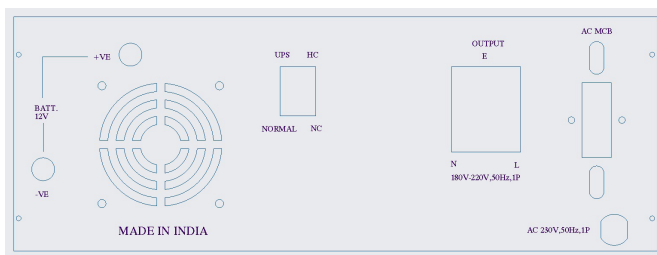


Washing machine
1000 VA



Micro-oven
1250 VA

SCHEMATIC



BENEFITS

- n Pure sin wave output which protect gadgets
- n High charging current for re-charging of battery
- n High Efficiency provide longer back-up
- n LED indication for battery reversal protection

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-1500VA
Capacity	1500VA	
	NARROW MODE	WIDE MODE
Mains undervoltage cutoff /recovery	180 V / 190 V	110 V / 125 V
Mains overvoltage cutoff /recovery	265 V / 255 V	280 V / 270 V
Battery charging voltage	180 VAC to 265 VAC	110 VAC to 280 VAC
Output voltage (no load)	220 V	
Changeover time	≤ 20 mili sec	≤ 50 mili sec
BATTERY		
Quick charge current	17A	
Normal charge current	12A	
Boost charge voltage	14.4V/Batt	
Float charge voltage	13.8V/Batt	
Low battery cutoff point	10.4V/Batt	
Number of batteries	2 *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 50°C	
LCD indicators	Mains,charging,UPS,low battery, overload,Short circuit	
Audible alarm	Low battery,Overload,short circuit	
PROTECTIONS		
Overload	105% load on UPS (auto reset within 5 re-tries)	
Overcharge	Current and voltage charge controller	
Short circuit	Shut down (UPS mode),MCB trip (AC mode)	
Thermal	shut down at 93°C	
Battery reverse polarity	LED Indication for battery Reversal Protection	
Battery deep discharge	Cutoff at 10.8V battery level	
PACKING INFORMATION		
Quantity	1 piece	
Net weight	16.5 kg	
Gross weight	17.2 kg	
Dimensions	38 x 35.5 x 18.0 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