

# SPECIFICATION

MODEL NUMBER	FA-INV-48V-2500VA	FA-INV-48V-3500VA	FA-INV-48V-5000VA	FA-INV-120V-7500VA	FA-INV-180V-10KVA
Capacity	2500VA/2200W	3500VA/2860W	5000VA/4400W	7500VA/6600W	10KVA/8.8KW
<b>NARROW MODE</b>					
Mains undervoltage cutoff /recovery				180 V / 190 V	
Mains overvoltage cutoff /recovery				265 V / 255 V	
Battery charging voltage				180 VAC to 265 VAC	
Changeover time				≤ 10 milliseconds	
Output voltage (no load)				220 V	
<b>WIDE MODE</b>					
Mains undervoltage cutoff /recovery				125 V / 135 V	
Mains overvoltage cutoff /recovery				295 V / 285 V	
Battery charging voltage				100 VAC to 295 VAC	
Changeover time				≤ 50 milliseconds	
Output voltage (no load)				220 V	
<b>BATTERY</b>					
Quick charge current				15A	
Normal charge current				15A	
Boost charge voltage				14.5V/Batt	
Float charge voltage				13.6V/Batt	
Low battery cutoff point				10.4V/Batt	
input voltage	48V		120V		180V
Number of batteries	4 *12VDC		10 *12VDC		15 *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	
<b>PROTECTIONS</b>					
Overload				105% load on UPS (auto reset within 5 re-tries)	
Overcharge				Control battery voltage and current through software	
Short circuit				Shut down (UPS mode),MCB trip (AC mode)	
Thermal				shut down at 93°C	
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 10.4V (per battery)	
<b>PACKING INFORMATION</b>					
Net weight	29 kg	32 kg	54KG	78KG	89KG
Dimensions	31.0 x 29.0 x 45.0 cm			55.0 x 35.0 x 65.0 cm	

UPS

INVERTERS

ACCESSORIES

AVR

BATTERIES

SOLAR SOLUTION