

SPECIFICATION

MODEL NUMBER	FA-HINV-12V-1000VA	FA-HINV-24V-2000VA	FA-HINV48V-3000VA	FA-HINV-48V-4000VA	FA-HINV-48V-5000VA
Max. PV Array Power	1000W	2000W	4000W	4000W	6000W
Rated Output Power	1000W	2000W	3000W	4000W	5000W
Maximum PV Array Open Circuit Voltage	145 VDC				
MPPT Range @ Operating Voltage	15 VDC - 115 VDC	30 VDC - 115 VDC		60 VDC - 115 VDC	
MPP Tracker Number	1			2	
GRID OUTPUT (AC)					
Nominal Output Voltage	220/230/240 VAC				
Output Voltage Range	184-264.5 VAC or 195-253 VAC (Selectable)				
Nominal Output Current	4.3A	8.7A	13A	17.4A	21.7A
Power Factor	> 0.99				
Maximum Conversion Efficiency (DC/AC)	90%				
GRID INPUT					
Acceptable Input Voltage Range	170-280 VAC				
Frequency Range	50Hz/60Hz (Auto sensing)				
Maximum AC Input Current	30A		40A		
BATTERY MODE OUTPUT (AC)					
Nominal Output Voltage	220/230/240 VAC				
Output Waveform	Pure sine wave				
Efficiency (DC to AC)	93%				
Nominal DC Voltage	12 VDC	24 VDC	48 VDC		
Maximum Solar Charge Current	80A		120A		
Maximum AC Charge Current	60A		60A		
Maximum Charge Current	140A		180A		
GENERAL					
Dimension, D x W x H (mm)	100 X 300 x 440	120 X 295 x 468	120 X 295 x 468	190 X 295 x 483	
Net Weight (kgs)	8	11	16		
Parallel Function	N/A				
External Safety Box (Optional)	Yes				
Communication Ports	Yes				
ENVIRONMENT					
Humidity	0-90% RH (Non-condensing)				
Operating Temperature	0 to 50°C				

UPS

INVERTERS

ACCESSORIES

AVR

BATTERIES

SOLAR SOLUTION