

VALUE SERIES | SMART HYBRID INVERTER | 5KVA



Features

- Pure sine wave Inverter
- Hybrid Inverter that supports solar and utility power
- Optional remote monitoring with Wi-Fi module via mobile app
- MPPT solar charger
- Configurable AC/Solar input priority via LCD setting



Wifi Module

- Real-time dyonaimic graphs of inverter data
- Cloud storage for history data and event log
- Remote monitoring and control of multiple inverters via mobile APP (IOS and Android)
- Parameter settings available (output setting, output priority setting, AC input range, battery seting etc.)

Technical Specifications

MODEL NAME	EVI-SHI5000V
CAPACITY (VA / W)	5000 / 5000
PHASE	1-phase in / 1-phase out
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	10,00VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGE & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	145 VDC
Maximum PV Array Power	3000W
MPP Range @ Operating Voltage	60-115 VDC
Maximum Solar Charge Current	60A
Maximum AC Charge Current	60A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D X W X H (mm)	EVI-SHI5000V
Net Weight (kgs)	9.7
Communication Port	USB/RS-232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-10°C to 60°C

