

Value Series

Smart Hybrid Inverter

1.2KVA ~ 3KVA



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
- Works without battery

Wifi Module

- Real-time dynamic 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 setting etc.)



Technical Specifications

| MODEL NAME | EVI-SHI1200V | EVI-SHI2500V | EVI-SHI3000V |
|--|---|--------------|-----------------|
| CAPACITY (VA / W) | 1200 / 1200 | 2500 / 2500 | 3000 / 3000 |
| 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 | 2400VA | 5000VA | 6000VA |
| Efficiency (Peak) | 90% ~ 93% | | |
| Transfer Time | 10 ms (For Personal Computers) ; 20 ms (For Home Appliances) | | |
| Waveform | Pure sine wave | | |
| BATTERY | | | |
| Battery Voltage | 12 VDC | 24 VDC | 24 VDC |
| Floating Charge Voltage | 13.5 VDC | 27 VDC | 27 VDC |
| Overcharge Protection | 16 VDC | 32 VDC | 32 VDC |
| Number of MPP Trackers / Maximum Input Current | 1 / 18 A | 1 / 18A | 1 / 18A |
| SOLAR CHARGE & AC CHARGER | | | |
| Solar Charger Type | MPPT | | |
| Maximum PV Array Open Circuit Voltage | 350 VDC | 450 VDC | 450 VDC |
| Maximum PV Array Power | 2000W | 3000W | 3000W |
| MPP Range @ Operating Voltage | 60-300 VDC | 60-400 VDC | 60-400 VDC |
| Maximum Solar Charge Current | 80A | | |
| Maximum AC Charge Current | 80A | | |
| Maximum Charge Current | 80A | | |
| PHYSICAL | | | |
| Dimension, D X W X H (mm) | 90 x 288 x 357 | | 100 x 288 x 390 |
| Net Weight (kgs) | 6.5 | 7.1 | 8.0 |
| Communication Port | 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 | | |