

Grid Tie Inverter 12/24/48V-1000W

High Efficiency Grid Tie Inverter for Renewable Power



Features

- AC and DC circuit breakers included
- Can be operated and connected to batteries.
- Suitable for user with solar modules, wind generators, Micro Hydro and other renewable sources
- Maximum power point tracking system (MPPT)
- Galvanically isolated
- High efficiency toroidal transformer
- Pure sine wave power output and low total harmonic distortion
- Clear LCD display on the front with accurate read-out information and parameters setting and operation messages
- Communication with Combi-3/CombiPlus/ SuperCombi without limitation of power

Specifications

Model No.	JI-1000-122	JI-1000-242	JI-1000-482
Max Input Power (50°C)	1200W	1200W	1200W
Max DC Input Current	90A	45A	22A
Max DC Input Voltage	50VDC	100VDC	200VDC
MPPT Range	13.5V~45VDC	27V~90VDC	54V~180VDC
Output POWER	1000W (50°C) 1100W (Max)	1000W (50°C) 1100W (Max)	1000W (50°C) 1100W (Max)
Output Voltage Range	205VAC~265VAC		
Output Frequency	50Hz/60Hz tolerance ± 1 Hz		
Peak Efficiency	87%	90%	92%
Night Time Power Consumption	NIL Automatically Disconnects from AC Grid		
Input/Output Isolation	3500VDC via Toroidal Transformer		
Operating Temperature	-10°C~+50°C		
Anti islanding protection	Over/under voltage, Over/under frequency, Active phase shift		
LCD Display	PV voltage, PV current, AC grid voltage, current and feed power, KWH		
Dimensions (LxWxH)	250 x 285 x 185 mm	250 x 285 x 185 mm	250 x 285 x 185 mm
Weight	14 Kgs	14 Kgs	14 Kgs