

Microinverter

CE-1P6001G-220-US CE-1P8001G-230-EU
 CE-1P6001G-230-EU CE-1P10001G-220-US
 CE-1P8001G-220-US CE-1P10001G-230-EU



Product Features

- Rapid shutdown function;
- IP67 protection degree, 10 years warranty;
- PLC, Zigbee or WIFI communication;
- 2 MPP trackers, module level monitoring.

Technical Data

Model CE-1P6001G-220-US CE-1P6001G-230-EU CE-1P8001G-220-US CE-1P8001G-230-EU CE-1P10001G-220-US CE-1P10001G-230-EU

Input Data (DC)

Recommended Input Power (Wp)	210~400 (2 Pieces)	210~500 (2 Pieces)	210~600 (2 Pieces)
Maximum Input DC Voltage (V)	60		
MPPT Voltage Range (V)	25~55		
Full Load DC Voltage Range (V)	24.5~55	33~55	40~55
Max. DC Short Circuit Current (A)	19.5 x 2		
Max. Input Current (A)	13 x 2		

Output Data (AC)

Rated Output Power (W)	600	800	1000			
Rated Output Current (A)	2.7	2.6	3.6	3.5	4.5	4.4
Nominal Voltage Range (V)	220 / 0.85Un-1.1Un	230 / 0.85Un-1.1Un	220 / 0.85Un-1.1Un	230 / 0.85Un-1.1Un	220 / 0.85Un-1.1Un	230 / 0.85Un-1.1Un
Nominal Frequency (Hz)	50 / 60					
Extended Frequency Range (Hz)	45~55 / 55~65					
Power Factor	>0.99					
Maximum Units per Branch	8	6	5			

Efficiency

CEC Weighted Efficiency	95%
Peak Inverter Efficiency	96.5%
Static MPPT Efficiency	99%
Night Time Power Consumption(mW)	50

Mechanical Data

Ambient Temperature Range (°C)	-40~65
Size (mm)	212W×230H×40D (Without mounting bracket and cable)
Weight (kg)	3.15
Cooling	Natural cooling
Enclosure Environmental Rating	IP67

Features

Compatibility	Compatible with 60~72 cell PV modules
Communication	Power line / WIFI / Zigbee
Compliance	CE,UL 1741, EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IIEEE1547
Warranty	10 years