

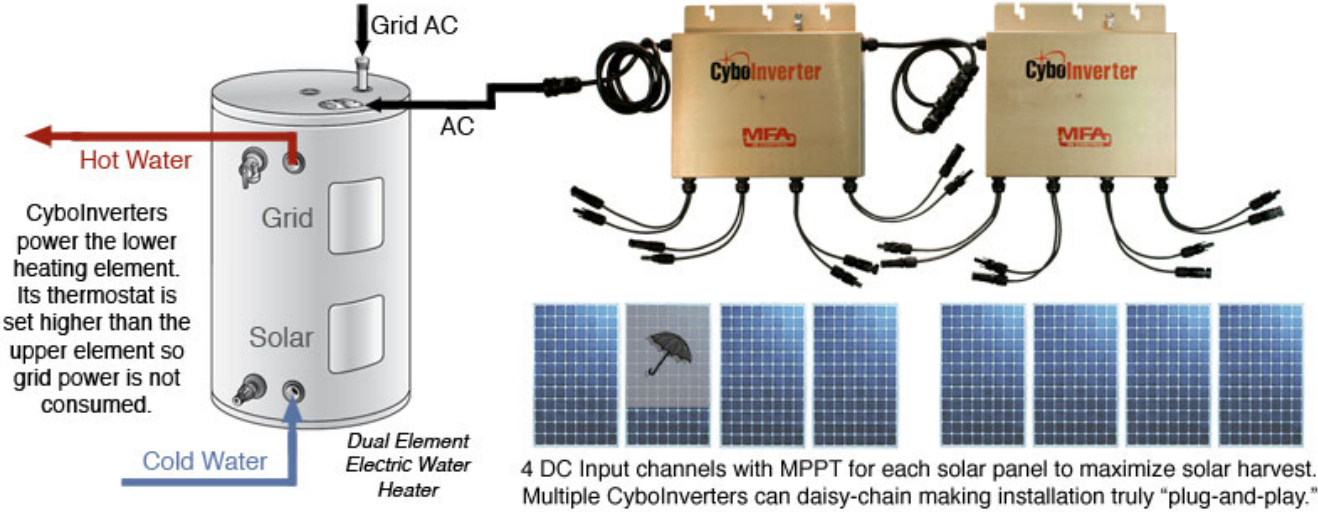


Off-Grid CyboInverter for PV Water Heating – Twin Pack



- 2021 Top Solar Inverter by Solar Power World Magazine.
- Specially Designed to Power Electric Water Heaters.
- Reduce Electricity Bills, Avoid High Tier Rates, and Quick ROI.
- Eight DC Input Channels with MPPT for each Channel.
- High Efficiency and Long Life.
- Much Easier to Install than a Thermal Solar System.

One Master (CIM-1200H1) & one Slave (CIM-1200H2) off-grid CyboInverter can daisy-chain, and produce up to 2500W AC to power 2500W-4500W heating elements or resistive loads.



Product: Off-Grid CyboInverter H Model Twin Pack (Total 8 Input Channels)
Part No: CIM-1200H1/H2, Daisy-Chained Off-Grid Model, 100-240V 50/60Hz AC

Never connect the Off-Grid CyboInverter to the AC grid. Doing so will damage the unit and void the warranty. Use this inverter for electric heating elements ONLY.



Technical Data of CIM-1200H1 / H2 (Rev 6.6 – January 2024)

DC Input (per Channel)	60-66 Cell / 120 Half-Cell	72 Cell Panel*
Supported Solar Panels	250W – 400W	300W – 450W
Operating Input DC Voltage Range	18V – 60V	18V – 60V
Peak Power Performance Range	30V – 60V	30V – 60V
Maximum Input DC Voltage / Current	60V / 11.5A	60V / 11.5A
Maximum Input Power	330W	330W
Minimum Starting Voltage	20V	20V
AC Output (per Inverter)	Data	
Rated Output Power / Peak Output Power	960W / 1250W	
Maximum Output Current (RMS)	10.5A (RMS – Root Mean Square)	
Nominal Operating AC Output Voltage / Range	100V – 240V (10V – 264V, Single-Phase)	
Nominal Frequency / Range	60Hz (59.5Hz – 60.5Hz) or 50Hz (49.5Hz – 50.5Hz)	
Efficiency	Data	
Peak Efficiency / MPPT Tracking	96% (99%)	
Mechanical Data	SI	U.S.
Ambient Temperature Range	-40°C to +65°C	-40°F to +149°F
Internal Operating Temperature Range	-40°C to +88°C	-40°F to +190°F
Dimensions w/o mounting bracket (L x H x W)	32cm x 24cm x 5.8cm	12.5" x 9.5" x 2.3"
Weight	6.5 kg	14.25 lbs
Cooling / Enclosure	Natural Convection, No Fan / Potted	
DC Wire / AC Wire	1-2 Feet DC Wires / 12 Feet AC Wires (THHN), Copper	
Features and Compliance	Data	
Safety and EMC Compliance	UL1741 and IEEE1547 (E113426), CSA 107.1, FCC Part 15 Class A	
Rapid Shutdown	Complies with NEC 2014/2017 690.12.	
DC Ground Fault Detector Interrupter (GFDI)	Built-In	
Standard Warranty	3 Years (Extended Warranty Available)	
Enclosure Environmental Rating / Safety	Outdoor – NEMA 6 / Transformer Isolated Circuits	



CyboInverter H Model Twin Pack can be used to power 240V, 2500W-4500W electric water heaters, heating elements, area heaters, hot plates, etc. **The H Model Triple Pack and Quad Pack are also available.**

* Do not use 72-cell solar panels in areas where temperature can get below -10 degrees F (-23 degrees C).

Made in U.S.A.