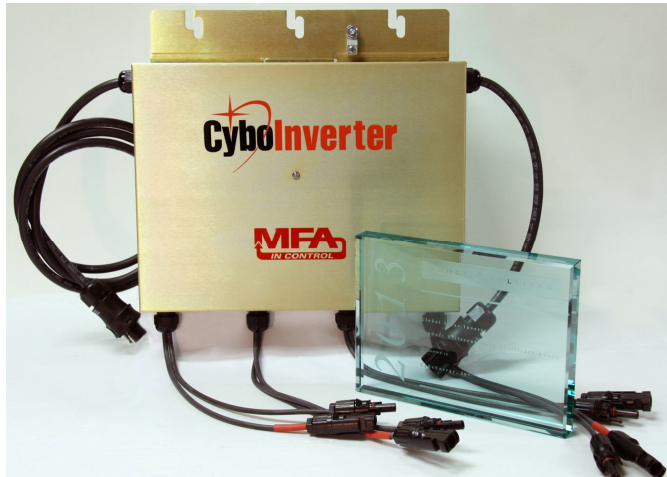




The World's First Off-Grid Solar Power Mini-Inverter Twin Pack



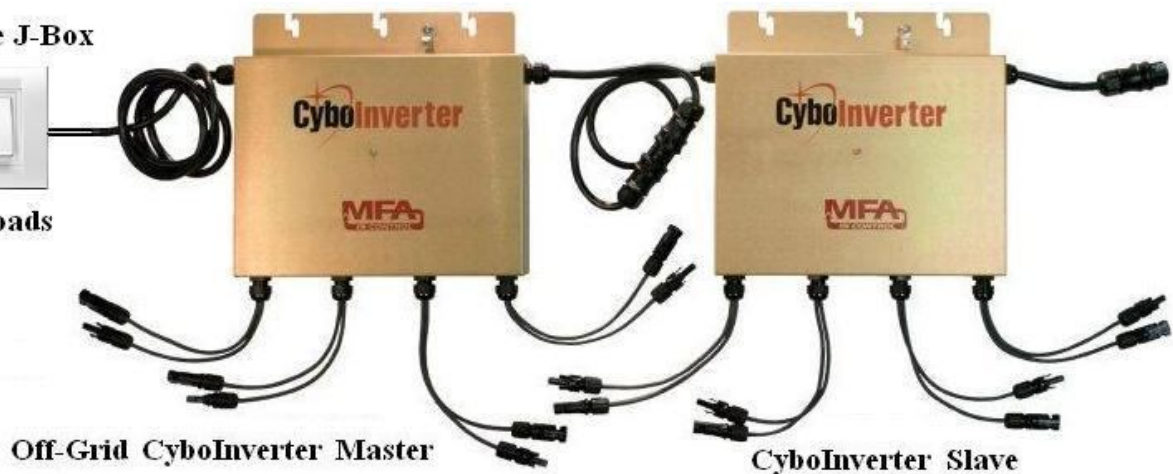
- Pure Sinewave AC Output
- Smart with AC Load Protection
- Total of 8 DC Input Channels
- MPPT for Each Solar Panel
- Battery Over Discharge Protection
- Solar or Battery Auto-Detection
- High Efficiency and Long Life
- For Lights, Fans, TV, PC, Battery Chargers, Refrigerators, Food Processors, Small Appliances, etc.

A Master (CI-Mini-1000W1) and a Slave (CI-Mini-1000W2) off-grid CyboInverter can daisy-chain, and produce up to 2300W, 220V, 60Hz AC to power heavier AC loads. All input channels can connect to solar panels or batteries. Each 36V battery set can connect to 1, 2, 3, or 4 input channels in parallel.

Switchable J-Box



For AC Loads



Product: Off-Grid CyboInverter Twin Pack (Total 8 Input Channels)

Part No: CI-Mini-1000W1 / W2, Daisy-Chained Off-Grid Model, 220V, 60Hz AC

Never connect the Off-Grid CyboInverter to the AC grid. Doing so will damage the unit and void the warranty. Check motor voltage and current specs before attaching.

Made in U.S.A.

Technical Data of CI-Mini-1000W1 and W2 [Rev 2.3 – April 2015]

| DC Input (per Channel) | 60 / 72 Cell Panel | Battery |
|---|--|---------------------|
| Recommended Input Power | 220W – 320W | 36V, 50AH – 300AH |
| Operating Input DC Voltage Range | 15V – 48V | 35V – 45V |
| Peak Power Performance Range | 30V – 48V | 36V – 48V |
| Maximum Input DC Voltage / Current | 48V / 9A | 48V / 9A |
| Maximum Input Power | 300W | 300W |
| Minimum Starting Voltage | 20V | 35V |
| AC Output (per Inverter) | Data | |
| Rated Output Power / Peak Output Power | 960W / 1150W | |
| Startup Surge Power for 12 Seconds | 1500W (Max Surge DC Power = 400W per Channel) | |
| Nominal Output Current (RMS) | 4.36A (RMS – Root Mean Square) | |
| Nominal Output Voltage / Range | 220V (198V – 242V, Single-Phase) | |
| Nominal Frequency / Range | 60Hz (59.5Hz – 60.5Hz) | |
| Power Factor | >0.95 | |
| 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 / AC Wire and Connectors | MC-4 with 1' DC Wire, Wieland RST with 3' AC Wire | |
| Features and Compliance | Data | |
| Safety and EMC Compliance | UL1741 and IEEE1547 (E113426), FCC Part 15 Class A | |
| Compatibility | 60-Cell and 72-Cell PV Solar Panels | |
| 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 | |
| Built-in Battery Over Discharge Protection | Low Voltage Disconnect (LVD) on Battery Channels. | |

Made in U.S.A.