

MAX E OFF-GRID INVERTER

HYBRID INVERTERS

- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Compatible to Utility Mains or generator input
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Built-in anti-dust kit
- Parallel operation with 6 units
- Dual outputs selected as either programmable output or generator input



TECHNICAL SPECIFICATIONS

| MODEL | | MAX E 11000 |
|------------------------------------|--|-----------------------------------------------------------------------|
| Rated power | | 11000VA/11000W |
| Parallel capability | | Yes, 6 units |
| INPUT | | |
| Voltage | | 230 VAC |
| Selectable voltage range | | 170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances) |
| Frequency range | | 50Hz/60Hz (Auto sensing) |
| OUTPUT | | |
| AC voltage regulation (batt. mode) | | 230VAC \pm 5% |
| Overload | | 22000VA |
| Efficiency (peak) | | 93% |
| Transfer time | | 10ms (for personal computers) ; 20 ms (for home appliances) |
| Waveform | | Pure sine wave |
| No Load Power Consumption | | <70W |
| Dual Outputs | | Yes |
| BATTERY | | |
| Battery voltage | | 48 VDC |
| Charge voltage | | 54 VDC |
| Overcharge protection | | 63 VDC |
| SOLAR CHARGER & AC CHARGER | | |
| Solar charger type | | MPPT |
| Max. PV array power | | 11000 W |
| MPPT range @ operating voltage | | 90 VDC ~450 VDC |
| Max. PV array open circuit voltage | | 500 VDC |
| Max. solar charge current | | 150A |
| Max. AC charge current | | 150A |
| Max. charge current | | 150 A |
| PHYSICAL | | |
| Dimensions HxWxD (mm) | | 553,6x432.5 x147.4 |
| Net weight (kg) | | 18,4 |
| Communication interface | | USB/RS232/RS485/Wifi/Dry-contact |
| OPERATING ENVIRONMENT | | |
| Humidity | | 5% - 95% (non-condensing) |
| Operating temperature | | -10°C to 55°C |
| Storage temperature | | -15°C to 60°C |