


# Qoltec Pure Sine Wave Solar Inverter 1000 | 20A

**Product code: 53890**

The Pure Sine Wave solar inverter converts the energy obtained from photovoltaic solar panels into usable energy used by electrical devices at home or in enterprises.

Technical data

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| Producer | Qoltec |
| Inverter Overload | 110% - 130% shutdown at 30s<br>130% - 150% shutdown at 3s |
| Battery voltage | 12VDC |
| Sockets | 1x SCHUKO<br>1x FRENCH |
| Input PF. (AC/DC) | 98% |
| Inverter work signal | Short Circuit - system automatically shout down<br>Mains Abnormal - 1signal/1 time, silence auto after 5s<br>Low Battery - 1 signal/1time, the battery light is off<br>Overload - 1 signal/1time, information about the overload |
| Max. Conversion Efficiency | 98% |
| Wave From Distortion | linear load<3% |
| Efficiency | Inverter mode 80%<br>Mains mode 96% |
| PV-AC Transfer Time | 4ms to 6ms |
| Charge Current (AC) | 10A, 20A |
| Noise | 50dB |
| Package contents | Solar inverter with built-in power cable (1x SCHUKO) 75cm<br>Mounting elements (pins)<br>User manual |
| Working Mode | PV (Photovoltaic priority) / AC (AC priority) |
| Inverter Output Voltage | 230V 3% |
| Total power (instantaneous) | 1000 VA |
| Ambient Temperature | 0°C to +40°C |
| Input Voltage Range (AC) | 140VAC-275VAC |
| Input Voltage Range (PV) | 15VDC-50VDC |
| Ambient Humidity | 10% to 90% (non condensed) |
| Additional information | Built-in high efficiency MPPT solar charger controller<br>Double CPU digital control<br>Photovoltaic or mains operation<br>Built-in 70cm battery connection cable<br>Connection socket for photovoltaic panels |
| Output Frequency | 50Hz - 60Hz 0.3Hz frequency adaptive |
| Idle current | 1.5 A |
| Output Voltage Range | 195vAC-240VAC |
| Max. Charge Current (PV) | 20A |
| Output Power Factor | 0.8 |
| Screen | LED graphic screen +LED Lights |
| Usable power | 700W |
| Input frequency range | 45-65Hz (automatically transfer to invert mode when overfrequency) |
| Colour | Black |
| Dimensions | 259x257x149 mm |
| Gross weight | 9 kg |
| EAN code | 5901878538907 |