



## Pure Sine Wave Solar Inverter 2500 | 40A

Product code: 53891

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

Producer	Qoltec
Inverter Overload	110% - 130% shutdown at 30s 130% - 150% shutdown at 3s
Battery voltage	24VDC
Sockets	1x SCHUKO 1x FRENCH
Input PF. (AC/DC)	98%
Inverter work signal	Short Circuit - system automatically shut down Mains Abnormal - 1signal/1 time, silence auto after 5s Low Battery - 1 signal/1time, the battery light is off Overload - 1 signal/1time, information about the overload
Max. Conversion Efficiency	98%
Wave From Distortion	linear load<3%
PV-AC Transfer Time	4ms to 6ms
Charge Current (AC)	10A, 20A
Noise level	50dB
Package contents	Solar inverter with built-in power cable (1x SCHUKO) 75cm Mounting elements (pins) User manual
Working Mode	PV (Photovoltaic priority) / AC (AC priority)
Inverter Output Voltage	230V 3%
Total power (instantaneous)	2500 VA
Input Voltage Range (AC)	140VAC-275VAC
Input Voltage Range (PV)	30VDC-50VDC
Ambient Humidity	10% to 90% (non condensed)
Additional information	Built-in high efficiency MPPT solar charger controller Double CPU digital control Photovoltaic or mains operation Built-in 70cm battery connection cable Connection socket for photovoltaic panels
Output Frequency	50Hz - 60Hz 0.3Hz frequency adaptive
Idle current	1.3 A
Output Voltage Range	195VAC-240VAC
Max. Charge Current (PV)	40A
Output Power Factor	0.8
Screen	LED graphic screen +LED Lights
Usable power	1800W
Input frequency range	45-65Hz (automatically transfer to invert mode when overfrequency)
Colour	Black
Dimensions	310x312x167 mm
Net weight [kg]	12.5000
Gross weight [kg]	13.0000
Ambient temperature	0°C to +40°C
EAN code	5901878538914