



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 shout 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