QUANTUM
SOLAR

QI-3024 PRO®

HIGH-TECH PERFORMMANCE

HIGH EFFICIENCY

3KW SOLAR INVERTER

DC INPUT 24V-138.9A

MAX SOLAR V 500VDC



BELONGS TO NATURE

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Parameters

Model	QI-3024 PRO
Input Information	L+N+PE
AC Input voltage	220/230/240 VAC
Input voltage range	90-280VAC±3V (Normal Mode) 185-264VAC ±3V (UPS Mode)
Input frequency	50/60Hz (Adaptive)
Rated Power	3000W
Output Voltage	208/220/230/240 VAC±5%
Output frequency	50/60HZ±0.1%
Output Wave	Pure Sine Wave
Transfer Time (Adjustable)	10ms for Computer Equipment,20ms for Household Equipment
Peak Power	6000VA
Overload Ability	Battery Mode : 21s@102%~110% 10s@110%~130% load 3s@130%-150% load 400ms@>150% load
Peak Efficiency (Battery Model)	>94%
Rated Voltage	24VDC
Constant Charging Voltage	28.2VDC
Float Charging Voltage	27VDC
PV Charging Method	MPPT
Max PV Input	5000W
MPPT Tracking Range	60~500VDC
Max PV Input Voltage	500VDC
Max PV Charge Current	100A
Max AC Charge Current	60A
Max Charge Current	100A
LCD	Can display operating mode/load/input/output
RS232	5PIN/Pitch2.54mm,Baud Rate 2400
Expansion Slot Communication Interface	Lithium Battery BMS Communication Card, WIFI 2x5PIN / Pitch 2.54 mm
Paraller Interface	Not Support Parallel
Operating Temperature	0°C~40°C
Storage Temperature	-15°C~60°C
Ork Altitude	No more than 1000m, If 1000m<, Rate power will lower,Refer
Operating Enviroment Humidity	Non Condensing
Noise	<50dB
L*W*H (mm)	495*312*125mm

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