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QI-6248 PRO®

HIGH-TECH PERFORMMANCE

HIGH EFFICIENCY

6.25KW SOLAR INVERTER

DC INPUT 48V-120A

MAX SOLAR V 500VDC



BELONGS TO NATURE

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Parameters

Model	QI-6248 PRO
AC Input voltage	220-230-240VAC
Input voltage range	90-280VAC±5V (Normal Model) 185-264VAC ±3V (UPS Model)
Input frequency	50/60Hz±5%
Out put power	12400VA 6200W
AC model output Voltage	220V±10%
Battery model output frequency	The output frequency under the mains is the same as the input frequency
Battery model output voltage	220VAC±3%
Battery model output frequency	50HZ or 60HZ±1%
Battery model output wave	Pure sine wave
Battery type	External lead-acid ,Gel, water or Lithium battery
Battery voltage	48VDC
Battery charging voltage	56.4VDC
Floating Charging Voltage	54VDC
Max pv input voltage	500VDC
PV input range	60-500VDC
Maximum solar charging current	120A
Maximum AC Charge Current	100A
Battery charging voltage range	48-56.4VDC
Transfer time	≤10ms(UPS Model)/ ≤20ms(INV Model)
load peak ratio	(MAX) 3:1
Protective function	Under the mains input overcurrent fuse Under inverter: overload protection, short circuit protection, low voltage protection,(with battery anti-reverse connection,board).
Status Display	You can view parameters such as AC voltage, AC frequency, PVvoltage, PV current, output voltage,output frequency, battery voltage, load current and other parameters by turning the page keys.
Voice prompt	Low battery protection buzzer long beep Low battery buzzer beeps every second Machine fault buzzer beeps Overload buzzer beeps When the overload is less than 130%, the buzzer will sound every second,and the output will be turned off after 30S. When the overload is greater than 150%, the output willbe turned off after 300mS.
Operating temperature	-10 ~ 50
Storage temperature	-15 ~ 45
Relative temperature	-10 ~ 90 no condensation
Noise	＜50dB

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