



QI-6248 PRO[®]

HIGH-TECH PERFORMMANCE

HIGH EFFICIENCY

6.25KW SOLAR INVERTER

DC INPUT 48V-120A

MAX SOLAR V 500VDC



BELONGS TO NATURE



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 |