



Solar Max

– Pure sine wave inverter 1kw - 3 kw

Solar Max inverter was especially designed for off-grid application featuring high efficiency, extremely low static consumption power as well as outstanding reliability. It could provide a continuous rated power at 40 °C and 80% even at scorching temperature up to 60 °C. Combined with outstanding overload capability, this inverter could comfortably power large load such as air conditioner, refrigerators and water pumps at tropical regions.

- Pure sine wave output
- High Ambient temperature design
- Peak efficiency up to 94.8%
- Extremely low static consumption power
- Outstanding peak power, suitable for all home appliances
- Built in auxiliary contact
- Nearly silent operation
- Insect proof design

RCI

Remote Monitor with LED display



LMD

Load management Device



| Model No. | 12 VDC | CPI700L | | CPI1000L | CPI1500L | CPI2000L | |
|-----------------------------------|---|---------|----------|-----------------|---------------|---------------|----------|
| | 24 VDC | CPI700M | CPI1000M | | CPI1500M | CPI2000M | CPI3000M |
| Specification | | | | | | | |
| Nominal Voltage | 12 VDC/24 VDC | | 24 VDC | 12 VDC | 12 VDC/24 VDC | 12 VDC/24 VDC | 24 VDC |
| Cont. power @25 °C (W) | 700 | | 1000 | 1000 | 1500 | 2000 | 3000 |
| Cont. power @40 °C (W) | 600 | | 800 | 1000 | 1500 | 2000 | 3000 |
| Cosφ | 0.9-1 | | | | | | |
| Overload | >150% | 20s | | | | | |
| | >125% | 1min | | | | | |
| | >110% | 15mins | | | | | |
| Surge | 3 | | | | | | |
| Output voltage | 240 VAC,230 VAC,220 VAC,208 VAC ± 2% (settable) | | | | | | |
| Output frequency | 50/60 Hz ± 0.5% | | | | | | |
| Efficiency | 12 VDC | 0.89 | | | | | |
| | 24 VDC | 0.92 | | | | | |
| Crest factor | 3:1 | | | | | | |
| THD | <3% | | | | | | |
| Zero load power | 7.4 W | 15 W | 12.5 W | 14 W | 15 W | 18 W | |
| Zero load power (power save mode) | 2 W | 4 W | 3 W | 3.5 W | 3.75 W | 4.5 W | |
| Output circuit breaker | / | / | 10 A | 10 A | 15 A | 30 A | |
| Overload and overheat protection | auto disconnect with 3 times restart attempt | | | | | | |
| shortcut protection | auto disconnect | | | | | | |
| Other Data | | | | | | | |
| Battery connector | M6 x 2 | | | M8 x 2 | | | |
| Enclosure | Steel with powder paint | | | | | | |
| Dimension (mm) | 400x236x89 | | | 492.5x240x134.5 | | | |
| Net Weight (KGs) | 9 | 9 | 15 | 19 | 22 | 25 | |
| Cooling | Forced fan | | | | | | |
| Protection | IP20 | | | | | | |
| AC connector | Socket panel | | | / | | | |
| Dry contact | / | | | Battery low | | | |
| Standard | | | | | | | |
| LVD / EMC | IEC62109-1,IEC62109-2,EN61000-6-1,EN61000-6-3 | | | | | | |