

Off-grid Inverter



| Key Parameters | | 12V 1.5 kW |
|--|---|------------|
| Model | HMKPLUS1500-12 | |
| Input | | |
| Voltage (Vac) | 230 | |
| Selectable Voltage Range (Vac) | 170-280 (For Personal Computers) | |
| | 90-280 (For Home Appliances) | |
| Frequency Range (Hz) | 50/60 (Auto Sensing) | |
| Output | | |
| AC Voltage Regulation (Battery Mode) | 230 Vac \pm 5% | |
| Surge Power (VA) | 3000 | |
| Efficiency (Peak) PV to INV. | 97% | |
| Efficiency (Peak) Battery to INV. | 94% | |
| Transfer Time | 10 ms (Personal Computers), 20 ms (Home Appliances) | |
| Waveform | Pure Sinewave | |
| Battery & AC Charger | | |
| Battery Voltage (Vdc) | 12 | |
| Floating Charge Voltage (Vdc) | 13.5 | |
| Over Charge Protection (Vdc) | 16 | |
| Max. Charge Current (A) | 80 | |
| Solar Charger | | |
| Max. PV Array Power (W) | 2000 | |
| MPPT Range @ Operating Voltage (Vdc) | 60 ~ 430 | |
| Max. PV Array Open Circuit Voltage (Vdc) | 450 | |
| Max. Charging Current (A) | 80 | |
| Max. Efficiency | 98% | |
| General | | |
| Dimension (D*W*H, mm) | 128*300*363 | |
| Weight (kg) | 6.9 | |
| Communication Interface | USB/RS232 | |
| Operating Environment | | |
| Humidity (%) | 5 ~ 95, Relative Humidity (Non-condensing) | |
| Operating Temp. (°C) | 0 ~ 55 | |
| Storage Temp. (°C) | -15 ~ 60 | |