

INVERTER WKE-SP

WKE1000 / WKE30000



When under inversion mode, this series of inverters can be set to normal working mode and sleep mode. And when under utility mode, it has Auto Voltage Regulation (AVR) function, utility charging function (only when AC first) and UPS function (AC first or DC first, optional).

This multifunction low frequency pure sine wave inverter, which has the advantages of stable quality, strong load-carrying ability and anti-poor environment ability, Long service life, is the second generation of our low frequency pure sine wave inverter.

Features

- Pure sine wave output, full power
- CPU management and control modular design
- LCD display can visually display various parameters
- Multifunction design can set a variety of working mode
- External battery connection, convenient to expand use time and back-up power time; user can connect as many batteries as needed
- With super load carrying ability and high load capacity, this series of inverters can not only drive resistance load; but also various kinds of inductive loads, such as motor, air conditioner, electric drills, fluorescent lamp, gas lamp, etc. It can drive almost any kinds of load
- Low frequency circuit design, good system stability, low failure rate and long service life
- Perfect protection: low voltage protection, over voltage protection, overheat protection, short-circuit protection, overloads protection; alarm alert
- CE / EMC / LVD/ RoHS Approvals



Functions

Sole inversion function, Normal and sleep mode, UPS function, Auto Voltage Regulation (AVR), charging function.

PARAMETERS

| Model WKE | 1000SP | 1500SP | 2000SP | 3000SP | 4000SP | 5000SP |
|--------------------------|---|------------|-------------|-------------|-----------|-------------|
| Rated Output Capacity | 700W | 1000W | 1500W | 2000W | 3000W | 3500W |
| Peak Power | 1500W | 2000W | 3000W | 4000W | 6000W | 7000W |
| DC input | 24V | 24V | 24/48/96V | 24/48/96V | 24/48/96V | 48/96/192V |
| Size W x D x H (mm) | 335*165*375 | | 350*220*460 | | | 420*260*605 |
| Pack Size W x D x H (mm) | 355*185*395 | | 370*240*480 | | | 440*280*625 |
| Net weight (kg) | 12 | 14 | 20 | 23 | 29 | 31 |
| Gross weight (kg) | 13 | 16 | 22 | 25 | 31 | 33 |
| Battery voltage (DC) | 24V | 24V | 24/48/96V | 24/48/96V | 24/48/96V | 24/48/96V |
| Model WKE | 6000SP | 7000SP | 10000SP | 15000SP | 20000SP | 30000SP |
| Rated Output Capacity | 3500W | 4000W | 5000W | 6000W | 7000W | 10000W |
| Peak Power | 8000W | 10000W | 14000W | 20000W | 30000W | 40000W |
| DC input | 48/96/192V | 48/96/192V | 96/192V | 96/192V | 192V | 192V |
| Size W x D x H (mm) | 420*260*605 | | | 420*280*625 | | |
| Pack size W x D x H (mm) | 440*280*265 | | | 440*300*645 | | |
| Net weight (kg) | 50 | 50 | 55 | 85 | 105 | 125 |
| Gross weight (kg) | 55 | 60 | 65 | 95 | 115 | 135 |
| Battery voltage (DC) | 48/96/192V | 48/96/192V | 96/192V | 96/192V | 192V | 192V |
| Technical Parameters | | | | | | |
| Input Voltage (AC) | AC 220V±35% or AC100±35% (Optional) | | | | | |
| Input Frequency | 50Hz±3% or 60Hz±3% (Optional) | | | | | |
| Output Voltage (AC) | 220V±3% or 230V±3 or 240V±3% or 100V±3% or 110V±3% (optional) | | | | | |
| Frequency (AC) | 50Hz±0.5 or 60Hz±0.5 (Optional) | | | | | |
| Output Wave form | Pure sine wave (Waveform distortion ≤3) | | | | | |
| LCD Display | Input Voltage, Output Voltage, Frequency, Battery Capacity, Load Capacity, state parameters | | | | | |
| Output Wave Type | Pure Sine Wave (Waveform distortion ≤3) | | | | | |
| Overload Capacity | >120% 1min, >130% 10s | | | | | |
| Protection Function | Output overload protection, Output short-circuit protection Input high voltage protection, Input low voltage protection, Overhead protection | | | | | |
| Battery protection | Automatic detection, Charge and discharge protection, Intelligent Management | | | | | |
| Temperature | -10 +50°C | | | | | |
| Humidity | 10% ~ 90% | | | | | |
| Running high | ≤4000m | | | | | |