

OFF-GRID SOLAR INVERTER



— KSC1000PPT —



— KSC1500PPT —

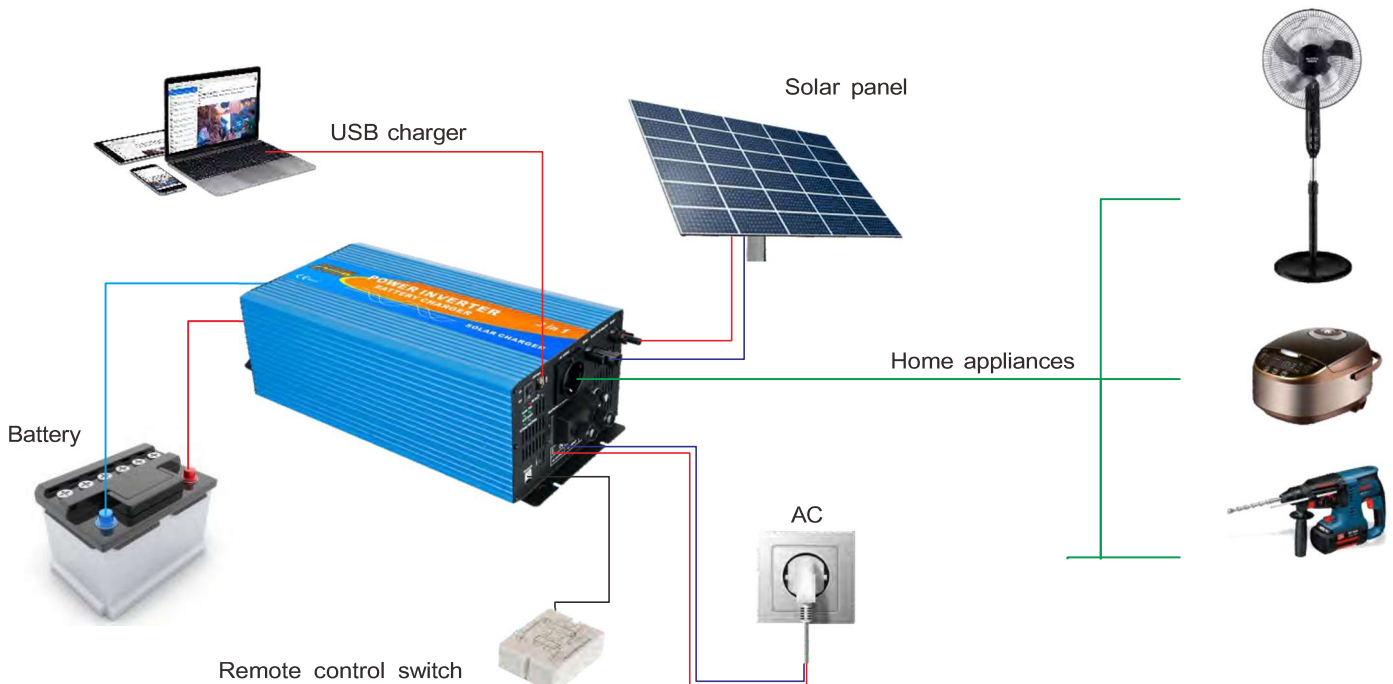


— KSC2000PPT —



— KSC3000PPT —

CONNECTION DIAGRAM



DETAIL PARAMETER

| Model | KSC1000PPT | KSC1500PPT | KSC2000PPT | KSC2500PPT | KSC3000PPT | | |
|----------------------------|--|--|------------|------------|------------|--------|--------|
| Rated Power | 1000W | 1500W | 2000W | 2500W | 3000W | | |
| Surge Power | 2000W | 3000W | 4000W | 5000W | 6000W | | |
| Frequency | 50/60Hz | | | | | | |
| Inverter part | Input voltage | 12V | | 24V | | | |
| | Input voltage range | 10.5-15V | | 21-30V | | | |
| | Output voltage | 110V/230V | | | | | |
| | AC regulation | 10% | | | | | |
| | Wave form | Pure sine wave(THD<5%) | | | | | |
| | Efficiency | 87% | 88% | 89% | 88% | 89% | 90% |
| | Low voltage alam | 10.5±0.5V | 21±1V | 42±2V | 10.5±0.5V | 21±1V | 42±2V |
| | Low voltage shut down | 10.0±0.5V | 20±1V | 40±2V | 10.0±0.5V | 20±1V | 40±2V |
| | Over voltage shut down | 16.0±0.5V | 32±1V | 64±2V | 16.0±0.5V | 32±1V | 64±2V |
| | Reverse polarity | FUSE | | | | | |
| | Over load shut down | 120% rated power(output voltage shut down.re-power on to recovery) | | | | | |
| Over temperature shut down | 75°C (shut down output voltage, repower on to recovery) | | | | | | |
| AC charger part | Input voltage range | 110V/230V | | | | | |
| | Charging current | 20A | 10A | 5A | 20A | 10A | 5A |
| | Output voltage | 12V | 24V | 48V | 12V | 24V | 48V |
| | Charging way | Automatic 3 stage charging | | | | | |
| Solar charger Part | MPPT charger efficiency | 97% | | | | | |
| | PV input voltage range | 15-70V | 24-70V | 48-70V | 15-70V | 24-70V | 48-70V |
| | PV Solar charge current | 20A MAX | | | | | |
| Remote control | Optional | | | | | | |
| Operating model | UPS mode or saving mode | | | | | | |
| Working temperature | 0~40°C@100% load; 60°C@50%load | | | | | | |
| Working humidity | 20%~90%RH non-condensing | | | | | | |
| Storage temperature | -30-70°C | | | | | | |
| Certification | CE-EMC/LVD, ROHS/REACH/IATF16949 | | | | | | |
| Packing Information | | | | | | | |
| Product dimension (CM) | 29x22x15 | 36x22x15 | 41x22x15 | 43x22x15 | 41x22x15 | | |
| PCS/CTN | 1 | 1 | 1 | 1 | 1 | | |
| CTN Meas (CM) | 55x35x26 | 55x35x26 | 55x35x26 | 55x35x26 | 55x35x26 | | |
| N.W/G.W (KG) | 6.4 | 8.5 | 9.7 | 10.5 | 12.0 | | |



A



B



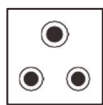
C



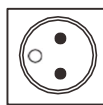
D



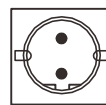
E



F



G



H



NINGBO KOSUN NEW ENERGY CO., LTD

- Add: No.17, Xingye Road, Yuyao City, Ningbo Zhejiang Province, China 315400
- Tel: +86-574-2269 7100 / 2271 2172
- Fax: +86-574-2269 7101
- [Http:www.kosunpower.com](http://www.kosunpower.com)