



5KW

PORTABLE 5KW OFF GRID

SOLAR GENERATOR

Professional/Innovation/Quality



Portable 5KW Off Grid Solar Power System

| Serial | Name | Description | Quantity |
|--------|--|--|----------|
| 1 | Solar Panel | High Performance 450W Solar Module | 8 PCS |
| 2 | Inbuit-Inverter | 48v/60a MPPT | 1 PCS |
| 3 | Battery | High performance 51.2v/100ah, li-ion battery | 1 Pcs |
| 4 | PV Cable | TUV 4mm2 PV Cable | 100m |
| 5 | MC4 connector/tool big | MC4 connector/tool bags | 1 Group |
| 6 | Standard Wooded Package + System Connecting Drawings (Easy Installing) | | |
| 7 | System can customize upon customer's requirement, info@essolx.com /Whatsapp +86 166 5717 3316 | | |

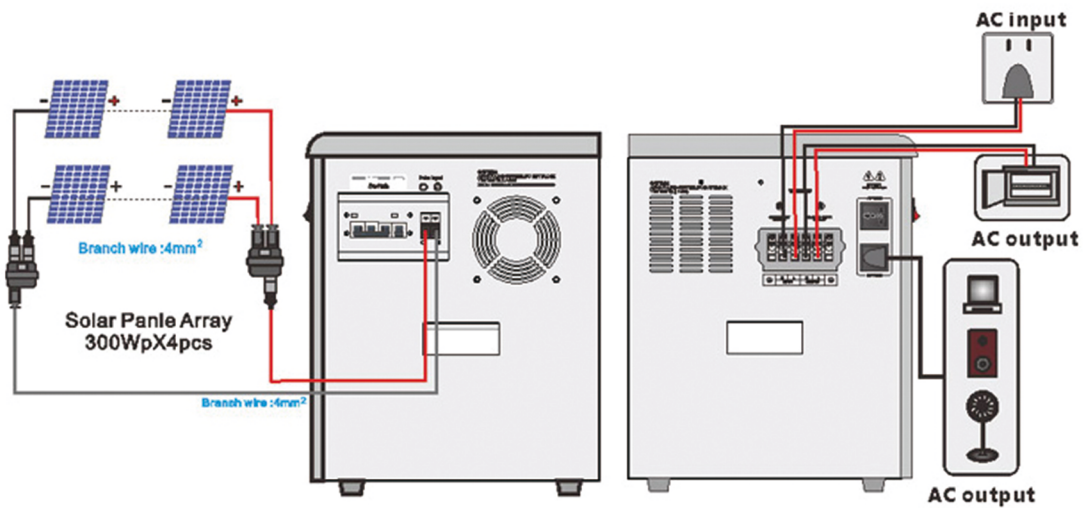


3K/5W Portable Solar Generator Specification

| MODEL | 3KW | 5KW |
|-------------------------------------|--|----------------------|
| Battery Rated Voltage(vdc) | 25.65 | 51.2 |
| Inverter | | |
| Rated power (w) | 3000 | 5000 |
| Input voltage range (vac) | 85-138VAC/140-275VAC | 85-138VAC/140-275VAC |
| Input frequency (Hz) | 45-65 | 45-65 |
| Output voltage (vac) | 110/220 | 110/220 |
| Output frequency (Hz) | 50/60 | 50/60 |
| Output wave | Pure Sine Wave | Pure Sine Wave |
| in-built Lifepo4 Battery | 51.2V/100AH | 51.2V/100AH or 200AH |
| MPPT Solar Input | | |
| MPPT Voltage Range | 30v~150VDC | 80V-150VDC |
| PV Power | 1600W | 3200W |
| Rated charge current | 60A(Max) | 60A(Max) |
| MPPT efficiency | ≥97% | ≥97% |
| DC Output | | |
| Voltage for high voltage protection | 34 vDc | 66/60vDc |
| High voltage recovery voltage | 31 vDc | 60/56vDC |
| Low voltage recovery voltage | 26 vDc | 51/48 vDc |
| Low voltage protection voltage | 22 Dc | 45/43VDC |
| 5 VDC USB output | 2Units MAx 2A | 2Units MAx 2A |
| 12 VDC output ports | 2Units MAx 2A | 2Units MAx 2A |
| Heat dissipator Coding | Temperature control by intelligent exhaust fan | |
| Operating ambient temperature | -20~+50°C | -20~+50°C |
| Storage ambient temperature | -25~+55C | -25~+55C |
| Operating/Storage ambient | 0-90%No condensation | |
| External size: W*D*H(mm) | 620+420*580 | 620*420*580 |
| Package size: W*D*H(mm) | 720*520*760 | 720*520*760 |

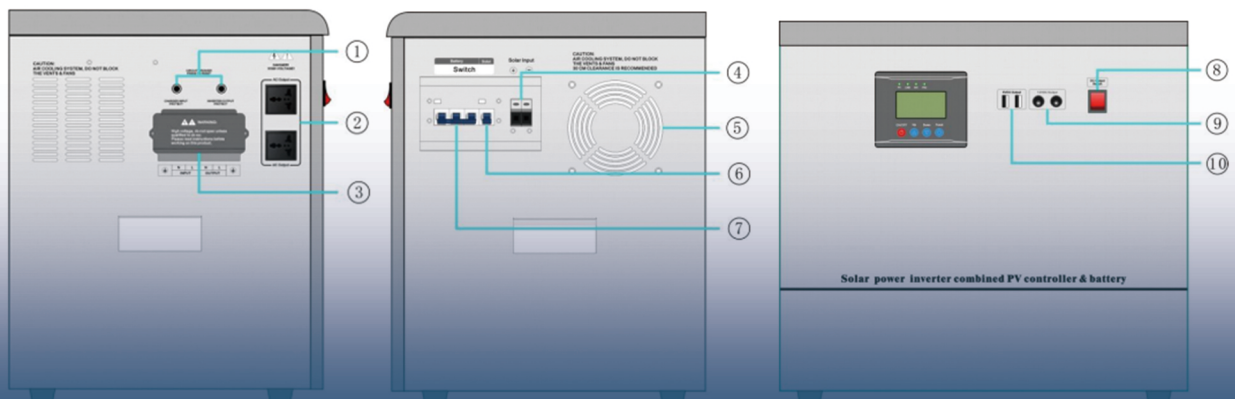
Product Features

- Excellent performance because of double CPU intelligent control technology;
- A wide range of applicable loads because of pure sine wave AC output
- The mains supply mode/energy-saving mode/battery mode can be set for flexible
- Convenient and practical 5VDC-USB output port and 12VDC output port;
- Digital LCD and LEDs for visualization of operation status of the equipment
- Overcharge protection and over discharge protection for a longer battery life; ;
- Safe and reliable with intelligent exhaust fan control
- Overall automatic protection and alarms including AC output overload protection. short circuit protection. etc



System info.

- | | |
|---|--------------------------------------|
| ① AC input/output fuse holder | ⑤ Fan |
| ② AC Output | ⑥ Solar input breaker |
| ③ AC input/output terminal | ⑦ Battery input breaker |
| ④ Solar input port | ⑧ 5VDC-USB、12VDCoutput ON/OFF switch |
| ⑨ 12VDC Output: 12VDC-USB output terminal | ⑩ 5VDC Output:5VDCoutput terminal |



Energy Storage Specialist



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