

Photovoltaic Storage Portable Power Station



FUNCTIONS

- Portable optical storage integrated ups supports the connection of PV, utility power, battery ; Compatible with generator.
- Configurable output usage prioritization
- Input power factor up to 0,99, high efficiency inverter topology, higher efficiency.
- Configurable 60A MPPT charger, charge quickly
- Battery equalization to optimize the performance and increase the operation life
- Cold start function
- Carry LiFePO4 batteries
- Wifi(option)

| Model | SP-ESS-1.5KW | SP-ESS-3KW |
|-----------------------------------|---|-------------|
| Energy storage capacity | 1.28KWh | 2.56KWh |
| Rated power | 1.5KW | 3KW |
| Phase | Single phase | |
| AC input | | |
| Voltage | 230Vac | |
| Voltage range | 170-280Vac (for PC) , 90-280Vac (for home appliances) | |
| Frequency | 50/60HZ (Auto sense) | |
| PV input | | |
| Maximum PV array power | 2000W | 3000W |
| Max PV array open circuit voltage | 450Vdc | |
| MPPT range @ working voltage | 90Vdc-430Vdc | |
| Rated voltage | 240V | |
| MPPT quantity | 1 | |
| Output parameters | | |
| Voltage | 230Vac±5% | |
| Frequency | 50Hz | |
| Efficiency | 91% | |
| Conversion time | 10ms (PC) , 20ms (home appliances) | |
| Harmonic | 3% | |
| Overload ability | 5s@≥150%1oad:10s@110%-150%1oad | |
| DC Output | DC12V10A;TYPE-C 5V3.4A,9V2.5A,12V/2A | |
| Energy storage battery | | |
| Battery model | LiFePO4 , 3.2V100AH | |
| Battery voltage | 12.8V(4S1P) | 25.6V(8S1P) |
| Maximum charging current (MPPT) | 60A | |
| Maximum charging current (AC) | 60A | |
| Maximum charging current | 80A | |
| Cold start voltage | 11.5V | 23V |
| Protection function | Short circuit, overload, over temperature protection and etc. | |
| Communication interface | RS-232 | |
| Operation temperature | -10℃-50℃ | |
| Physics | | |
| Dimensions (L/W/H) | 430*190*373 | 430*190*373 |
| Net weight (KG) | 17.5 | 22.5 |
| Standards | CE | |

Products specifications are subject to change without further notice