PTT solar
Power tomorrow, Today




# ALL IN ONE
# ENERGY STORAGE POWERSTATION

## PWLA0510E / PWLA0515E

### Move Easily
• Trailer design, allowing for easy towing and quick access to the intended location.

### High conversion rate
• The inverter uses advanced power electronics and high-efficiency components to reduce energy waste.

### Long Cycle Life
• The battery adopts lithium iron phosphate battery, which has excellent long cycle life.

### Flexible and stable
• Freely adjust the output voltage, frequency and other functions to meet the needs of different equipment.

### WiFi/ Bluetooth (optional)
• The product comes with LCD screen and can choose WiFi or Bluetooth remote control.

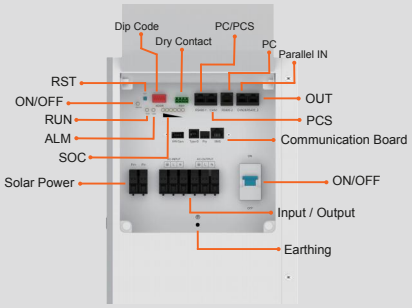
### Intelligent Control
• Through the built-in intelligent control algorithm, remote control and fault diagnosis are realized.

**PWLA0510E**




**PWLA0515E**




| MODEL | PWLA0510E | PWLA0515E |
|---|---|---|
| **AC INPUT** | | |
| Rated Voltage | 220/230/240 Va.c.,L+N+PE | |
| Rated Frequency | 50 Hz/60 Hz | |
| Current(Maximum Continuous) | 40A.AC | |
| **INVERTER OUTPUT** | | |
| Rated Power | 5.5 kVA | |
| Rated Voltage | 220/230/240Va.c.,L+N+PE | |
| Wave Form | Pure Sine Wave | |
| Inverter Efficiency (Peak) | >94% | |
| Current(Maximum Continuous) | 22.7A.AC | |
| Maximum Output Overcurrent Protection | 102%～110% 1min / 110%～130% 10s / 130%～150% 3s / 150% 0.2s | |
| **BATTERY** | | |
| Energy Capacity | 10kWh | 15kWh |
| Rated Capacity | 200Ah | 300Ah |
| Battery Type | LiFePO4 | |
| **CHARGE AND DISCHARGE PARAMETER** | | |
| Nominal Voltage | 51.2 V.DC | |
| Min. Discharge Voltage | 43.2 V.DC | |
| Max. Charging Voltage | 58.4 V.DC | |
| Max. Charging Current | 100A | |
| **PV INPUT** | | |
| No.of MPPT Tracker /Strings | 1/1 | |
| Max.PV Array Power | 6 kW | |
| Max.DC Voltage | 500Vdc | |
| MPPT Voltage Range | 120～430V.DC | |
| Start-up Voltage | 120V.DC | |
| MPPT Maximum Charge Current | 100A.DC | |
| **GENERAL PARAMETER** | | |
| Storage Temperature | -10℃~+60℃ | |
| Operating Temperature | -10℃~+55℃ | |
| Cycle Life | ≥6000 Cycles @25℃,0.5C,90%DOD | |
| Humidity | 5%~95%(Non-condensing) | |
| Operating Altitude | 4000m(>1000m Derating) | |
| Noise | <50 dB | |
| Other Protection | Overload,Over temperature,Short circuit | |
| Trans Portation1 | UN38.3,MSDS | |
| Dimensions (W*D*H) | 526.6*1118*240 mm | 526.6*1118*280 mm |
| Package Size (W*D*H) | 545*1136*360 mm | 545*1136*400 mm |
| Net Weight | 100kg | 130kg |
| Gross Weight | 112.5kg | 143kg |
| Display | LCD | |
| **STANDARD** | | |
| Stardard | GB/T 34120-2017<br>GB/T 34133-2017<br>EN62477, EN / IEC61000 | |

Testing conditions are based on temperature 25°C at the beginning of life.

Product specifications are subject to change without further notice.