



ESS-W series

Lithium Battery Energy Storage

ESS-WL10A



51.2V



10.24kWh



1-9 units



bluetooth



IP65

Product Features »

-  High quality lithium iron phosphate cells for 6000 cycles
-  Supports wall or floor mounting
-  Up to 9 in parallel connection, expand to 92.16kWh
-  Built-in Bluetooth & Wi-Fi with mobile APP
-  Min. depth of just 20.5cm, saving space in the home
-  Plug-and-play, Wiring can be done from either side
-  Compatible with many brands of inverter protocols



| MODEL | ESS-WL10A | CAN BE SET |
|-------------------------------|--|------------|
| MAIN INFO | | |
| Rated Voltage | 51.2V | |
| Rated Capacity | 200Ah | |
| Norminal Capacity | 10.24kWh | |
| Battery Type | LFP | |
| Life Cycle | 6000 Cycles | |
| Lifetime | 20 Years | |
| Max. Parallel Number | 9 | ✓ |
| CHARGE & DISCHARGE | | |
| Max. Charging Voltage | 57.6V | ✓ |
| Over Discharging Voltage | 44.8V | ✓ |
| Max. Charging Current | 150A | ✓ |
| Peak Charging Current | 200A | ✓ |
| Max. Discharging Current | 200A | ✓ |
| Peak Discharging Current | 220A | |
| GENERAL | | |
| Weight | 88kg | |
| Dimension (H*W*D) | 1014*620*205mm | |
| Communication | CAN / RS485 / USB / WiFi / Bluetooth | ✓ |
| Storage Condition | 6 months @25°C; 3 months @35°C; 1 months @45°C | |
| Charging Temp. Range | 0~45°C | |
| Discharging Temp. Range | -10~45°C | |
| Cooling Method | Neutral Cooling | |
| Protection Grade | IP65 | |
| CERTIFICATION | | |
| Transportation | UN38.3, MSDS | |
| Safety | IEC 62619: 2017, CE-EMC, UL1973 | |

Empower your home

