



YouthPOWER 100KWH Commercial Solar Battery System

- Easy to install and deploy with large space utilization
- Unique modular design & flexible function configuration
- With self-use, peak shifting, forced charging & discharging and other working modes
- Strong scalability, simple & convenient expansion on both AC and DC sides

Product Specification

Module	YP-ESS-100KWH
Battery parameters	
Number of battery packs	7
Rated voltage	358.4V
Voltage range	280~408.8V
Rated energy	100kWh
Max. continuous charging and discharging current	140A
Discharge Depth	90%
Cycle life	8000 times
System parameters	
Dimension W*H*D	W750*H2000*D1000mm
Weight	about 1200kg
Communication	CAN/RS485/WiFi/ETH
Design Life	10 years+
Expansion	Support in parallel
Enclosure protection rating	IP54
Cooling	Air cooling
Environment temperature	-30~50°C
Humidity	10%~95%RH
Altitude	<2000m