

YouthPOWER

Commercial Storage System

85KWh~173KWh

Applicable in industrial and commercial 85~173KWh outdoor energy storage battery system. Combined with modular battery box design and air cooling system.

YouthPOWER energy storage system uses BYD blade lithium iron phosphate cells, which have the advantages of high energy density, safety performance and longer cycle life. The distributed design enables the system to flexibly be expanded. The flexible module combination can easily meet the increase in energy demand, convenient for maintenance and inspection as well.

All-in-one machine design, integrated transportation, plug and play, meeting the needs of direct application in industry, commerce and user side.



Small space,
easy to install and
maintain.



Safety with triple
BMS protection



High efficient rate



Advanced temperature
control system

Specifications

Model Number	YP ESS01-L85KW	YP ESS01-L100KW	YP ESS01-133KW	YP ESS01-160KW	YP ESS01-173KW
Nominal Voltage	656.6V	768V	512V	614.4V	656.6V
Rated Capacity	130AH	130AH	260AH	260AH	260AH
Rated Energy	85KWH	100KWH	133KWH	160KWH	173KWH
Combination	1P208S	1P240S	2P160S	2P192S	2P208S
IP Standard	IP54				
Cooling System	AC Coolig				
Standard charge	26A	26A	52A	52A	52A
Standard discharge	26A	26A	52A	52A	52A
Max Charging Current(Icm)	100A	100A	150A	150A	150A
Max continuous Discharging current					
Upper limit charging voltage	730V	840V	560V	672V	730V
Discharge Cut-off voltage(Udo)	580V	660V	450V	540V	580V
Communication	Modbus-RTU/TCP				
Operating temperature	-20-50°C				
Operating humidity	≤95% (No condensation)				
Highest work altitude	≤3000m				
Dimension	1280*1000*2280mm	1280*1000*2280mm	1280*920*2280mm	1280*920*2280mm	1280*920*2280mm
Weight	1150kg	1250kg	1550kg	1700kg	1800kg