



12.8V LiFePO4 Plastic Case Series



Product features

- Enhanced Energy Density and Longer Lifespan
- Improved Efficiency and Faster Charging
- Reduced Weight and Space Requirements
- Lower Environmental Impact and Safer Operation

Model	YY12100S	YY12100S	YY12100S	YY12100S	YY12100S	YY12100S
Cell	4	4	4	4	4	4
Nominal Voltage(V)	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V
Nominal capacity(Ah)	100Ah	150Ah	200Ah	230Ah	300Ah	460Ah
Energy(kWh)	1.28kwh	1.92kwh	2.56kwh	2.944kwh	3.84kwh	5.888kwh
Cycle Life	≥6000 cycles@80%DOD/0.5C/25°C					
Operating temperature	Charge:0~55°C Discharge:-10~55°C					
Protection	Electronic circuit breaker, BMS voltage protection, current limiting					
Water dust resistance	Ip65					
Net Weight(kg)	11kg	15.5kg	19.5kg	23.8kg	28.1kg	39.2kg
Dimension(mm)	339*185*218	502*185*242	502*185*242	502*185*242	522*185*242	640*245*220
Warranty	5 years					
Certifications	CE,UN38.3,MSDS					

25.6V LiFePO4 Plastic Case Series



Product features

- Enhanced Energy Density and Longer Lifespan
- Improved Efficiency and Faster Charging
- Reduced Weight and Space Requirements
- Lower Environmental Impact and Safer Operation

Model	YY25100S	YY25150S	YY25200S	YY25230S	YY25300S	YY25460S
Cell	8	8	8	8	8	16
Nominal Voltage(V)	25.6V	25.6V	25.6V	25.6V	25.6V	25.6V
Nominal capacity(Ah)	100Ah	150Ah	200Ah	230Ah	300Ah	460Ah
Energy(kWh)	2.56kwh	3.84kwh	5.12kwh	5.888kwh	7.68kwh	11.776kwh
Cycle Life	≥6000 cycles@80%DOD/0.5C/25°C					
Operating temperature	Charge:0~55°C Discharge:-10~55°C					
Protection	Electronic circuit breaker, BMS voltage protection, current limiting					
Water dust resistance	Ip65					
Net Weight(kg)	11.5kg	31.4kg	37.9kg	40kg	46.2kg	59.5kg
Dimension(mm)	330*170*215	523*229*218	523*229*218	523*229*218	640*245*220	670*250*220
Warranty	5 years					
Certifications	CE,UN38.3,MSDS					