



SHENZHEN LITU NEW ENERGY TECHNOLOGY CO.,LTD



PRODUCT SPECIFICATIONS

Battery Specifications			
Model No.	YP-24100-2.56KWH	YP-24200-5.12KWH	YP-24300-7.68KWH
Voltage	25.6V	25.6V	25.6V
Combination	8S2P	8S4P	8S6P
Capacity	100AH	200AH	300AH
Energy	2.56KWH	5.12Kwh	7.68Kwh
Weight	30Kg	62Kg	90Kg
Chemistry	Lithium Ferro Phosphate (Lifepo4) Safest Lithium Ion, No fire risk		
BMS	Built - in Battery Management System		
Connectors	Waterproof connector		
Dimension	680*485*180mm		
Cycles (80% DOD)	6000 cycles		
Depth of discharge	Upto 100%		
Lifetime	10 years		
Standard charge	Constant current: 20A		
Standard discharge	Constant current: 20A		
Maximum continuous charge	100A/200A		
Maximum continuous discharge	100A/200A		
Operation temperature	Charge: 0-45°C, Discharge: -20-55°C,		
Storage Temperature	Keep at -20 to 65°C,		
Protection standard	Ip21		
Operation voltage	20-29.2 VDC		
Max.charging voltage	29.2 VDC		
Memory effect	None		
Maintenance	Maintenance free		
Compatibility	Compatible with all standard offgrid inverters and charge controllers. Battery to inverter output sizing keep 2:1 ratio.		
Warranty Period	10 Years		
Remarks	Youth Power 24V wall battery BMS must be wired in parallel only. Wiring in series will void the warranty. Allow max. 4 units in parallel to expand more capacity.		



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