

LiFePo4 Battery- Power Battery

- High operational reliability
- Optimal management
- In line with the RoHS
- They live for more than 10 years at +25°C



LiFePo4 Battery- Street Lamp Series

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Two
-wheeler



Tricycle



Golf Cart



Home Lighting



Urban Lighting

Model	YY51100P	YY60100P	YY73100P
Cell	16	16	23
Nominal Voltage(V)	51.2V	60.8V	73.6V
Nominal capacity(Ah)	100Ah	100Ah	100Ah
Energy(Kwh)	5.12kwh	6.08kwh	7.36kwh
Cycle Life	≥3000 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		
Warranty	5 years		
Certifications	CE,UN38.3,MSDS		

Model	YY1210SL	YY1230SL	YY1210SL	YY1230SL	YY1210SL	YY1230SL
Rate voltage(Vdc)	12.8	12.8	12.8	12.8	12.8	12.8
Rate capacity(AH)	10	30	50	100	120	200
Energy storage(KWH)	0.128	0.384	0.64	1.28	1.536	2.56
MPPT(A)	12V-5A	12V-5A	12V-5A	12V-10A	12V-15A	12V-20A
Cycle Life	≥3000 cycles@80%DOD/0.5C/25°C					
Charge voltage	14.6±0.1V					
Charge current(A)	2	6	10	20	24	40
Max. Charge current(A)	3	9	15	30	36	60
Charge cut-off voltage(VDC)	14.6±0.1V					
Contiuous current(A)	3	9	15	30	36	60
Discharge cut-off voltage(VDC)	10					
Charge temperature	0°C to 45°C(32F to 113F)@60±25% Relative humidity					
Discharge temperature	-20°C to 60°C(-4Fto 140F)@60±25% Relative humidity					
Storage temperature	0°C to 40°C(32Fto 104F)@60±25% Relative humidity					
Water dust resistance	Ip64					
Warranty	5 years					
Certifications	CE,UN38.3,MSDS					