



2.3. Specifications Performance

2.3.1 Battery Parameters

Table 2-1

Series	iPower Mini			
Battery Type	LiFePO4			
Model	YL-W4850	YL-W48100	YL-W48150	YL-W48200
Nominal Voltage[V]	48			
Nominal Capacity[Ah]	50	100	150	200
Nominal Energy[kWh]	2.4	4.8	7.2	9.6
Max. output Power[kW]	2.4	4.8	4.8	4.8
Net Weight[kg]	30	51	85	87
Dimension [mm]W*D*H	410*450*144	480*520*167	610*630*167	520*520*230
Working Voltage[V]	40~54			
Operating Temperature Charging[°C]	0~55			
Operating Temperature Discharging[°C]	-20~60			
Max. Charge Current[A]	50	100		
Max. Discharge Current[A]	50	100		
Recommend Charge Current[A]	10	20	30	40
Charge Mode	CC-CV			
Communication	CAN/RS485/RS232/Dry Contact			
IP Level	IP30			
Temperature & Period Storage[°C]	Less than 6 Month@-10°C~35°C			
	Less than 3 Month@-10°C~45°C			
	Less than 1 Month@-20°C~45°C			