



Product Scheme for 12.8V-50Ah

Specifications

Number	Items	Value	
1	Single Cell	40149103-50Ah	
2	Battery type:	LiFePO4	
3	Pack Style	4S12P	
4	Nominal Voltage	12.8V	
5	Type Capacity	50.0Ah	
6	Min Capacity	48.0Ah	
7	Nominal Power	640.0Wh	
8	Charging Voltage	14.6V	
9	Working Voltage	10.0V~14.6V	
10	Charging Mode	CC-CV	
11	Charging Current	Standard Discharge Current	10.0A (0~10°C)
12		Max Charge Current	25.0A (≥15°C)
13	Standard Discharge Current	10.0A	
14	Max Continuous Discharge Current	50.0A (75.0A ≤ 30min)	
15	Max Burst Discharge Current	150.0A (≤ 3S @ 25°C)	
16	Internal Resistance	≤ 20mΩ	
17	Dimension L*W*H/mm	229*138*220mm	
18	Approx. Weight	6.0Kg	
19	Operating Temperature	Charge	0°C~50°C
		Discharge	-20°C~55°C
20	Storage Temperature	1 month	-20°C~45°C
		3 months	-20°C~35°C
		6 months	-20°C~25°C
21	Cycle life	2000 times (100%DOD, 0.2C@25°C)	
	Cycle life	4000 times (80%DOD, 0.2C@25°C)	