

Specification

Part Number	8010256005001
Model	R-LFP25.6V50AH
Nominal Voltage [V]	25.6
Nominal Capacity [Ah]	50
Total Energy [Wh]	1280
Max. Charging Current [A]	50
Recommended Charging Current [A]	25
Charging Voltage [V]	28~29.2
Max. Discharging Current [A]	50
End of Discharge Voltage [V]	22.4
Pulse Discharge Current	100A @ 10s
Dimension (W*D*H, mm)	-
Weight [Kg]	-
Internal Resistance [mΩ]	-
Operation Humidity	0~95% RH (No condensing)

Operating Temperature Range	Charge: 0 ~ +50 °C ; Discharge: -20 ~ +55 °C
Protection	Over charge, Over discharge, Over temperature, Short circuit
Parallel Support	Yes, Max, 2 Sets
Series Support	No
Cycle Life	>3000 cycles
Designed Calendar Life	>10 Years

BMS Detail Information

Over-Charge Protection

Over-Charge Protection Per Cell	3.85±25 mV	
Over-Charge Protection Delay	500~2000 ms	
Over-Charge Release Per Cell	3.65±50 mV	

Over-Discharge Protection

Over-Discharge Protection Per Cell	2.3±80 mV	
Over-Discharge Protection Delay	50~200 ms	
Over-Discharge Release Per Cell	2.5±100 mV	

Over Current Protection

Discharge Over Current	150±10A
Over-Current Protection Delay Time	20-100 ms
Over Current Release Method	Release load
Short Circuit Protection	
Short Current Protection Delay Time	200 uS
Short Current Release Method	Release load
Over Temperature Protection	
Discharge Over Temperature (BMS)	90±5°C
Over-Temperature Release	65±15°C
Discharge Over Temperature (Cell)	-
Over-Temperature Release	-