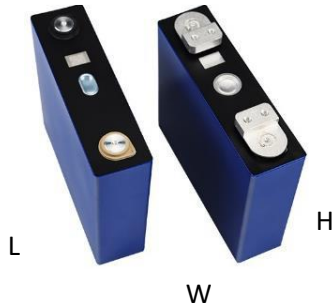


C5-LFP50

LFP Lithium-ion battery

C5-LFP50S - Screw terminal

C5-LFP50W - Welding Terminal



Specifications

Item	Value	Note
Nominal Voltage (V)	3.20	
Operating Voltage (V)	min	2.50
	max	3.65
Nominal Capacity (Ah)	50	0.5C, 25±2°C
Nominal Energy (kWh)	0.1600	0.5C, 25±2°C
End of Life Residual Capacity (Ah)	80	≥80% of initial capacity
Module Weight (kg)	1.18	± 0.5
Dimension L (mm)	148.44	± 1.5
Dimension W (mm)	39.72	± 1.5
Dimension H (mm)	101.31, 115.31	Welding, Screw
Module Self Discharge	≤3.5%	50% SOC, 25°C, 3month
Max Continuous Charge Current (A)	50	1C
Max Continuous Discharge Current (A)	50	1C
Temperature Operation (Charge)	0 ~ 55°C	
Temperature Operation (Discharge)	-20 ~ 55°C	
Temperature Operation (Storage)	-20 ~ 55°C	
SOC Operating Range %	10 ~ 90%	
Cycle Life	4500 cycles	0.5C/1C, 80% DOD 25°C
Shipping Capacity (SOC)	~ 30%	