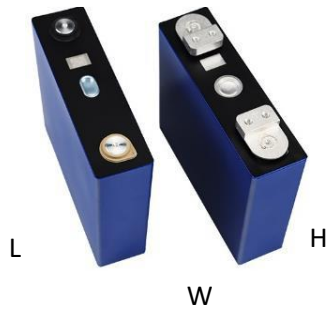


C10-LFP277

LFP Lithium-ion battery

C10-LFP277S - Screw terminal

C10-LFP277W - Welding Terminal



Specifications

Item	Value	Note
Nominal Voltage (V)	3.20	
Operating Voltage (V)	min	2.5 (0~60 °C), 2.0 (-20~ 0 °C)
	max	3.65
Nominal Capacity (Ah)	277	0.5C, 25±2°C
Nominal Energy (kWh)	0.8864	0.5C, 25±2°C
End of Life Residual Capacity (Ah)	80	≥80% of initial capacity
Module Weight (kg)	5.8	± 0.5
Dimension L (mm)	173.5	± 1.5
Dimension W (mm)	71.8	± 1.5
Dimension H (mm)	207.1, 217.1	Welding, Screw
Module Self Discharge	≤3.5%	50% SOC, 25°C, 3month
Max Continuous Charge Current (A)	277	1C
Max Continuous Discharge Current (A)	277	1C
Temperature Operation (Charge)	0 ~ 60°C	
Temperature Operation (Discharge)	-20 ~ 60°C	
Temperature Operation (Storage)	-20 ~ 55°C	
SOC Operating Range %	10 ~ 90%	
Cycle Life	3000 cycles	0.5C/1C, 80% DOD 25°C
Shipping Capacity (SOC)	~ 30%	