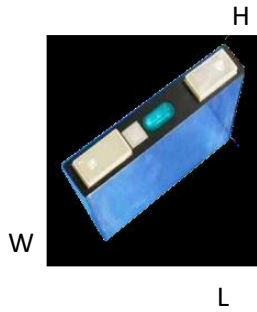


# C7-LFP40 6C

LFP Lithium-ion battery

C7-LFP40N - Stud terminal

C7-LFP40W - Welding Terminal



## Specifications

Item	Value	Note
Nominal Voltage (V)	3.20	
Operating Voltage (V)	min	2.00
	max	3.65
Nominal Capacity (Ah)	40	0.5C, 25±2°C
Nominal Energy (kWh)	0.1280	0.5C, 25±2°C
End of Life Residual Capacity (Ah)	32	≥80% of initial capacity
Module Weight (kg)	1.06	± 0.5
Dimension L (mm)	148	± 1.5
Dimension W (mm)	27.1	± 1.5
Dimension H (mm)	132.6, 146.6	Welding, Screw
Module Self Discharge	≤3.5%	50% SOC, 25°C, 3month
Max Continuous Charge Current (A)	240	6C w/ liquid cooling
Max Continuous Discharge Current (A)	50	6C w/ liquid cooling
Temperature Operation (Charge)	0 ~ 55°C	
Temperature Operation (Discharge)	-20 ~ 60°C	
Temperature Operation (Storage)	-20 ~ 35°C	6 months
SOC Operating Range %	10 ~ 90%	
Cycle Life	5000 cycles	0.5C/1C, 80% DOD 25°C
Shipping Capacity (SOC)	~ 30%	