



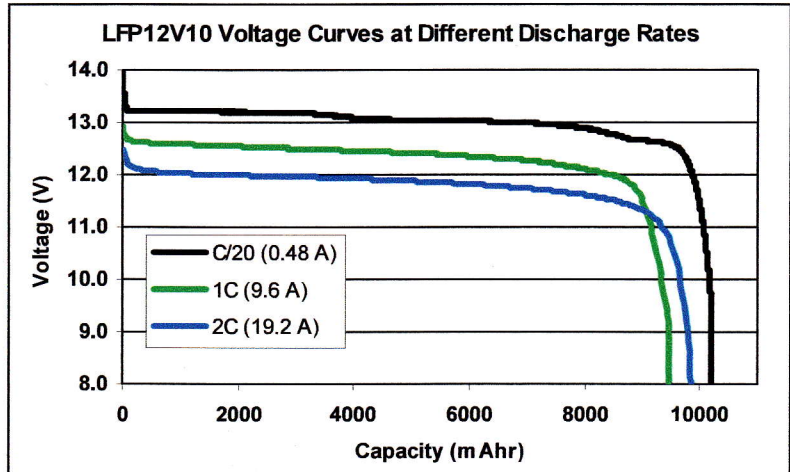
# K2 Energy Solutions, Inc.

## LFP12V10 - Energy Module Data Sheet

Specifications	
Nominal Capacity @ C/5 (Ahr)	9.6
Average Operating Voltage @ C/5	12.8
Internal Impedance @ 1kHz, AC (mΩ)	<5.0
Weight (kg)	1.3
Height (mm)	97.3
Width (mm)	64.3
Length (mm)	151

Recommended Operating Conditions	
Continuous Discharge (A)	≤9.6
Pulse Discharge (A) 30 seconds	25
Charge Current (A)	≤4.8
Charge Voltage Cutoff (V)	14.6
Discharge Voltage Cutoff (V)	10.0
High Temp Operating Temp (°C)	60
Low Temp Operating Temp (°C)	-20

Maximum Operating Conditions	
Continuous Discharge (A)	≤25
Pulse Discharge (A) ≤2 seconds	40
Charge Current (A)	≤6.4
Charge Voltage Cutoff (V)	16.4
Discharge Voltage Cutoff (V)	8.0



LFP12V10 Constant Current Time Profile @ 25°C				
C/20 (0.48 A)	C/2 (4.8 A)	1C (9.6 A)	2C (19.2 A)	2.6C (25.0 A)
20 hrs	2 hrs	60 min	29 min	24 min

