



K2 Energy Solutions, Inc.

LFP300HES Energy Module Data Sheet

Specifications

Nominal Capacity @ C/5 (Ah)	90
Average Operating Voltage @ c/5 (V)	3.2
Internal Impedance @ 1kHz, AC (mΩ)	<5.0
Weight (kg)	3.0
Height (mm)	208
Width (mm)	81
Length (mm)	123

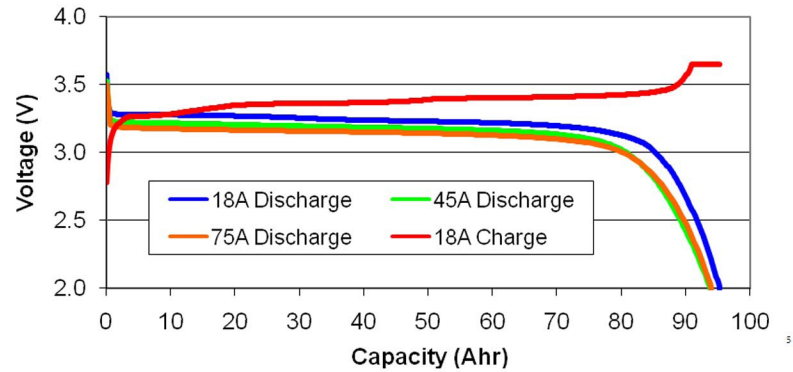
Recommended Operating Conditions

Continuous Discharge (A)	≤ 90
Pulse Discharge (A) 30 Seconds	300
Charge Current (A)	≤ 18
Charge Voltage Cutoff (V)	3.65
Discharge Voltage Cutoff (V)	2.50
High Operating Temp (°C)	60
Low Operating Temp (°C)	-20

Maximum Operating Conditions

Continuous Discharge (A)	300
Pulse Discharge (A) 5 Seconds	700

LFP 300HES Voltage Curves at Different Discharge Rates



USE MACHINE SCREW
M6X1.0 XL
WHERE L=8MM+SUM OF THICKNESS
OF CONNECTION STACK (ALL BUSBARS,
TERMINAL LUGS, WASHERS, ETC.)

RECOMMENDED
TERMINAL TORQUE=7.0N*M

CAUTION
DO NOT LOOSEN NUT

