

SP-LFP60AHA-S2 cell specification

Model name	SP-LFP60AHA-S2	
Nominal voltage	3.2 V	Operating voltage under load is 3.0 V
Capacity	60 AH	+/- 5%
Internal impenetrableness	<2 mOhm	
Operating voltage	min 2.8V - max 3,7 V	At 80% DOD
Discharging cut-off voltage	2.8 V	The cells is damaged if voltage drops below this level
Charging cut-off voltage	3.8 V	The cells is damaged if voltage exceeds this level
Recommended charging - discharging Current	18 A	0.3 C
Maximum short-time discharging current	300 A	5 C period=10s
Life cycles	2000	0.3C, 80% DDC
Operating thermal ambient - charging	0°C ~ 70°C	The battery temperature should not increase this level
Operating thermal ambient - discharging	-20°C ~ 65°C	The battery temperature should not increase this level
Storage thermal Ambient	-20°C ~ 45°C	The battery temperature should not increase this level
Shell Material	Plastic	flame retardants
Dimensions	139 x 34 x 222 mm	Millimeters (tolerance +/- 1 mm)
Weight	1,9 kg	Kilograms (tolerance +/- 150g)

