

SP-LFP200AHA cell specification

Model name	SP-LFP200AHA	
Nominal voltage	3.2 V	Operating voltage under load is 3.0 V
Capacity	200 AH	+/- 5%
Internal impenetrableness	<1 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	60 A	0.3 C
Maximum short-time discharging current	1000 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	181 x 68,5 x 281 mm	Millimeters (tolerance +/- 1 mm)
Weight	5,79kg	Kilograms (tolerance +/- 150g)

