

Technical specification

Sinopoly SP-LFP200AHA cell



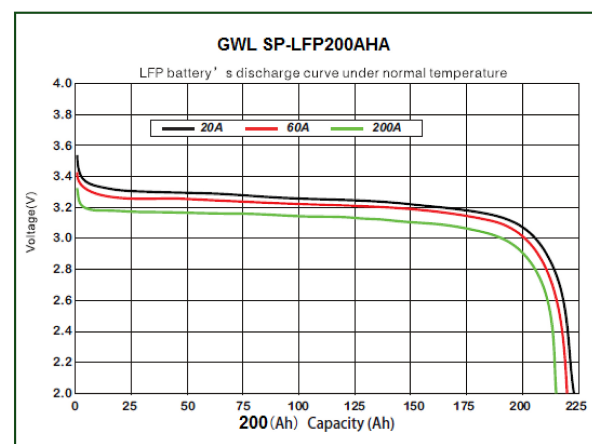
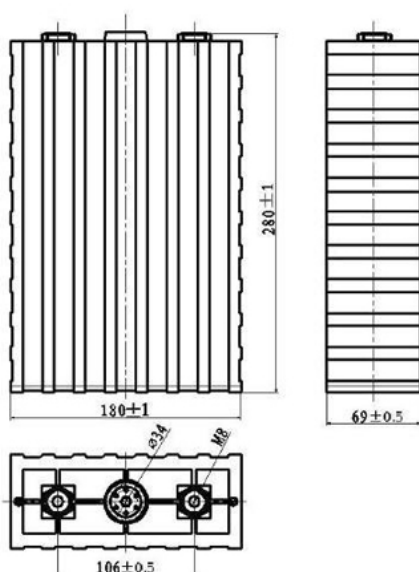
[PRODUCT WEBPAGE](#)



Sinopoly SP-LFP200AHA cell

Specifications

Model name	SP-LFP200AHA	
Nominal voltage	3.2 V	Operating voltage under load is 3.0 V
Capacity	200 AH	+/- 5%
Internal impenetrableness	$\leq 0.4 \text{ m}\Omega$	AC 1 kHz
Operating voltage	min 2.8 V - max 3.65 V	At 80% DOD
Discharging cut-off voltage	2.65 V	The cells is damaged if voltage drops below this level
Charging cut-off voltage	3.7 V	The cells is damaged if voltage exceeds this level
Recommended charging - discharging Current	66 A	0.3 C
Maximum charging current	400 A	2 C
Maximum discharging current	600 A	3 C
Life cycles	≥ 2000 Times	0.3 C, 80% DOD
Operating thermal ambient - charging	0°C ~ 45°C	The battery temperature should not increase this level
Operating thermal ambient - discharging	-20°C ~ 55°C	The battery temperature should not increase this level
Storage thermal Ambient	-10°C ~ 45°C	The battery temperature should not increase this level
Shell Material	Plastic	Flame retardants
Dimensions	180x69x280 mm	Millimeters (tolerance +/- 1 mm)
Weight	5.8 kg	Kilograms (tolerance +/- 100 g)





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