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Technical specification

CALB CA180AHA cell



PRODUCT WEBPAGE

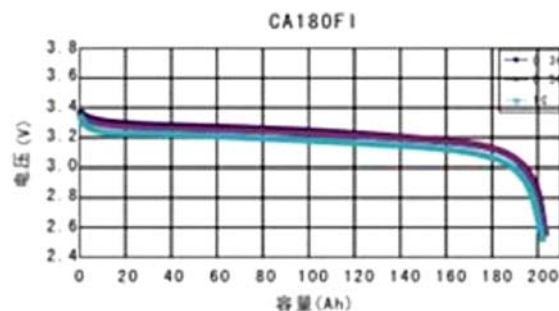
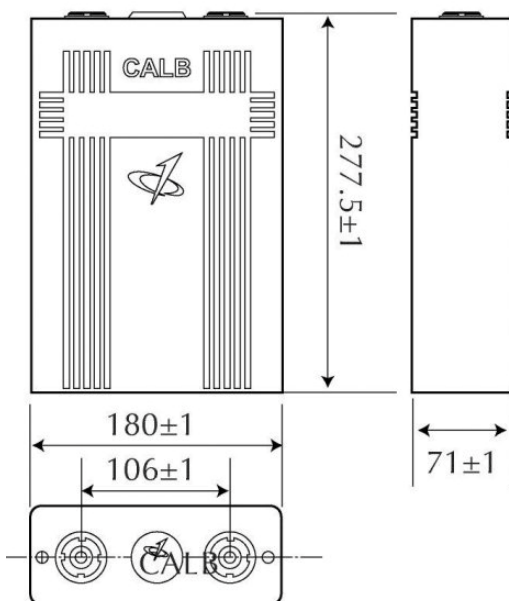


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CALB CA180AHA cell

Specifications

Model name	CA180AHA	Alternative product marking CA180FI
Nominal voltage	3.2 V	Operating voltage under load is 3.0 V
Capacity	180 AH	+/- 5%
Internal impenetrableness	<0,6 mOhm	1 kHz AC
Operating voltage	min 2.6 V - max 3,6 V	At 80% DOD
Discharging cut-off voltage	2.5 V	The cells is damaged if voltage drops bellow this level
Charging cut-off voltage	3.65 V	The cells is damaged if voltage exceeds this level
Recommended charging - discharging Current	54 A	0.3 C
Maximum short-time discharging current	1000 A	5,5 C period = 10 s
Life cycles	2000	0.3C, 80% DDC
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	-20°C ~ 45°C	The battery temperature should not increase this level
Shell Material	Plactic	Flame retardants
Dimensions	180 x 277,5 x 71 mm	Millimeters (tolerance +/- 1 mm)
Weight	5,6 kg	Kilograms (tolerance +/- 150 g)





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