

SE180AHA cell specification

Model name	SE180AHA	Alternative product marking CSE180AH
Nominal voltage	3,2 V	Operating voltage under load is 3,0 V
Capacity	180 Ah	+/- 5%
Internal impenetrableness	<1 mOhm	1kHz AC
Operating voltage	min 2.6V - max 3,6 V	At 80% DOD
Discharging cut-off voltage	2.5 V	The cells is damaged if voltage drops below this level
Charging cut-off voltage	3,65 V	The cells is damaged if voltage exceeds this level
Recommended charging - discharging Current	54 A	0,3C
Maximum short-time discharging current	1000 A	10C period = 10s
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	Plastic	flame retardants
Dimensions	182 x 71 x 279 mm	Millimeters (tolerance +/- 1 mm)
Weight	5,6 kg	Kilograms (tolerance +/- 100 g)

