

GWL/ Power Group Technology Solutions – Stay Powered for the Future

SE100AHA cell specification



Model name	SE100AHA	Alternative product marking CSE100AH
Nominal voltage	3,2 V	Operating voltage under load is 3,0 V
Capacity	100 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	30 A	0,3C
Maximum short-time discharging current	800 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	142 x 67 x 218 mm	Millimeters (tolerance +/- 1 mm)
Weight	3,2 kg	Kilograms (tolerance +/- 100 g)

