

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

CA100AHA cell specification



Model name	CA100AHA	Alternative product marking CA100FI
Nominal voltage	3.2 V	Operating voltage under load is 3.0 V
Capacity	100 AH	+/- 5%
Internal impenetrableness	<0,9 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	0.3 C
Maximum short-time discharging current	300 A	3C 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	Plactic	flame retardants
Dimensions	216 x 142 x 67 mm	Millimeters (tolerance +/- 1 mm)
Weight	3,4 kg	Kilograms (tolerance +/- 150g)

