

## ZG-LFP020AH cell specification

Model name	ZG-LFP020AH	
Nominal voltage	3.2 V	Operating voltage under load is 3.0 V
Capacity	20 AH	+/- 6%
Operating voltage	max 3.65V - min 2.8V	At 80% DOD, 1500 cycles
Deep discharge voltage	2.6 V	The cells is damaged if voltage drops bellow this level
Maximal charge voltage	3.8 V	The cells is damaged if voltage exceeds this level
Optimal discharge current	< 10 A	0.5 C
Maximal discharge current	< 60 A	3 C, continuous for max 15 minutes from full charge
Max peak discharge current	< 200 A	10 C, maximal 5 seconds in 1 minute
Optimal charge current	< 10 A	0.5 C
Maximal charge current	< 20 A	< 1 C with battery temperature monitoring
Maximal continuous operating temperature	60 °C	The battery temperature should not increase this level during charge and discharge
Dimensions	71 x 178 x 28 mm	Millimeters (tolerance +/- 2 mm)
Weight	0.65 kg	Kilograms (tolerance +/- 150g)

