

Technical specification

# Winston LFP1000AHC cell

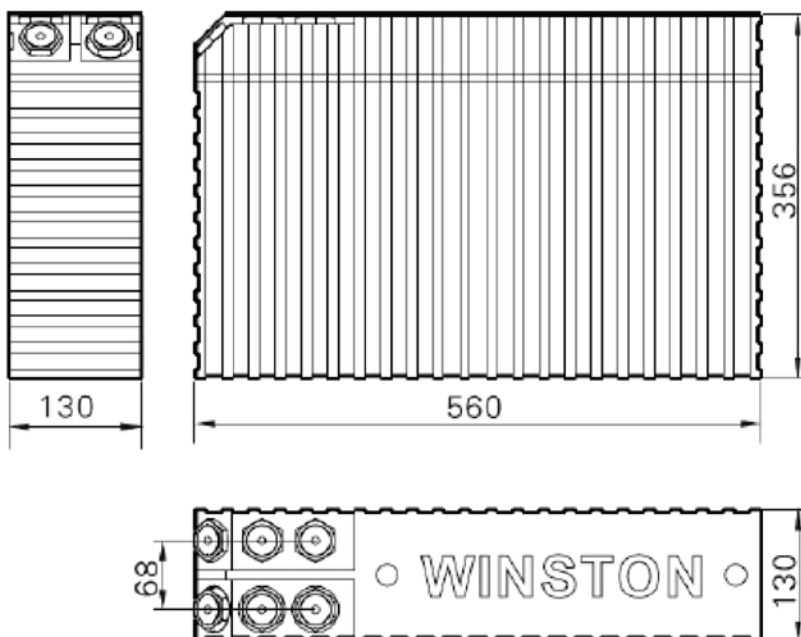


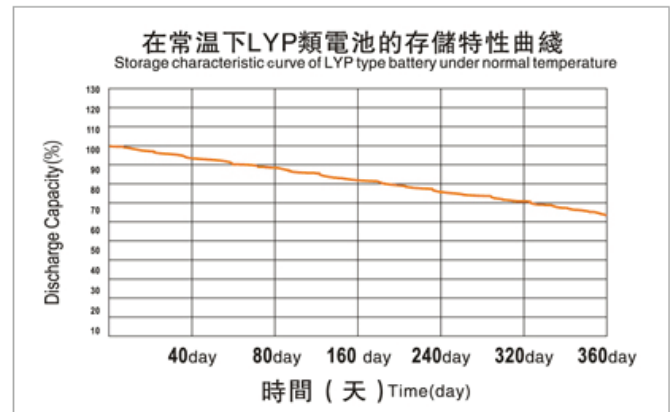
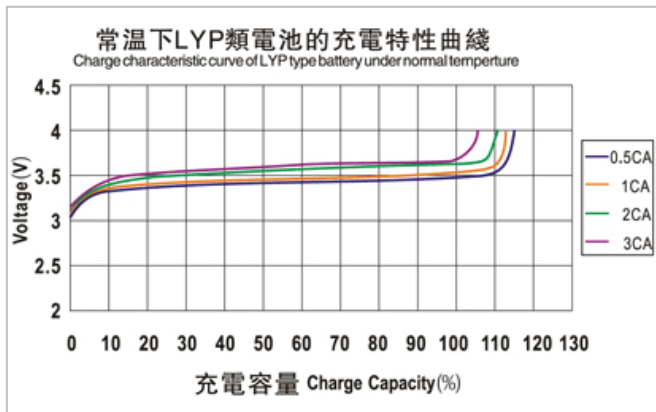
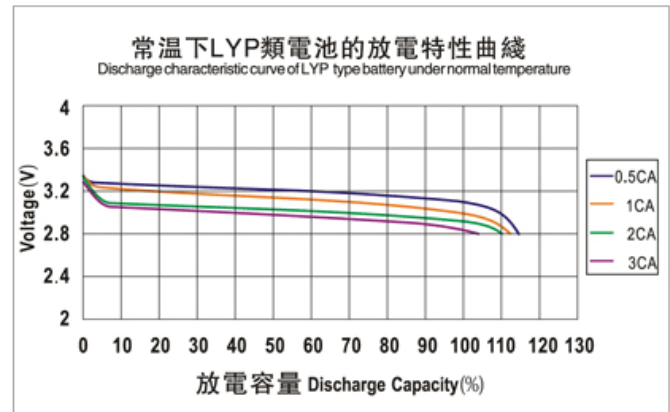
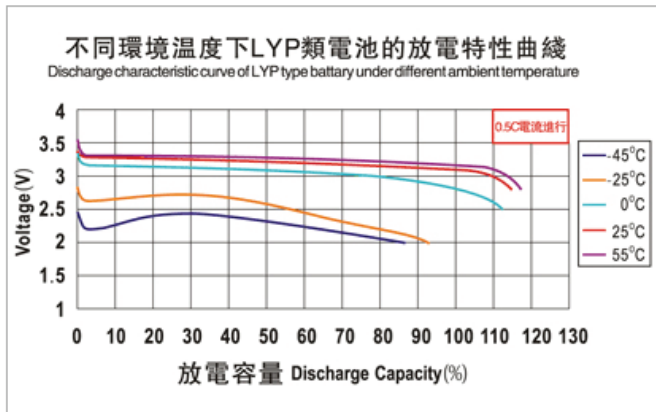
PRODUCT WEBPAGE



## Winston LFP1000AHC cell

Specifications		
Model name	LFP1000AHC	Alternative product marking WB-LYP1000AHC(A)
Nominal voltage	3.3 V	Operating voltage under load is 3.0 V
Capacity	1000 AH	+/- 5%
Operating voltage	max 3.8V - min 2.8V	
Deep discharge voltage	2.5 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	< 500 A	0.5 C
Maximal discharge current	< 3000 A	3 C, continuous for max 15 minutes from full charge
Max peak discharge current	< 10000 A	10 C, maximal 5 seconds in 1 minute
Optimal charge current	< 500 A	0.5 C
Maximal charge current	< 3000 A	< 3 C with battery temperature monitoring
Maximal continuous operating temperature	65 °C	The battery temperature should not increase this level during charge and discharge
Dimensions	560 x 356 x 130	Millimeters (tolerance +/- 2 mm)
Weight	41 kg	Kilograms (tolerance +/- 150g)
Optimal torque force	35 - 40 Nm	





 **PRODUCT WEBPAGE** >



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