

VEO Battery Cells

30Ah 3.80V 300Wh/kg



300Wh/kg High Density Capacity



Wide Temperature Operating Range



Applications: eVTOL, drone, robot



10C Peak Discharge Rate

Model		VE095090190A-030Ah
Dimension	Specs (mm)	
Thickness (Initial)	≤10.5	
Width	≤91.0	
Length	≤192.0	
Tab width	30±1.0	
Tab pitch	47±2.0	
Main Parameter	Rating	Remark
Nominal Capacity	30 Ah	0.2 C rate, 3V cut-off
Minimum. Capacity	28.4Ah	
Nominal Voltage	3.80 V	
Charge Method	CC-CV	
Charge Voltage	4.45 ±0.02V	
Standard charge current	0.5 C (15A)	
Rapid charge current	1.0 C (30A)	25±3°C
Standard charge time	3.0 hours	
Rapid charge time	2.0 hours	
Charging End Condition	0.03 C (0.9A)	At CV mode
Max. charge current	1.0 C (30A)	25±3°C
Max. Constant Discharge Current	3.0 C (90A)	25±3°C
Peak Discharge Current	10.0 C (300A)	≤5S
Discharge Cutoff Voltage	3.00 V	25±3°C
Cycle Life	≥80% @ 200 cycle	0.5 C cycle @25±3°C
Resistance	≤2.0 mΩ	1kHz AC Method
Weight	400 g	Approx. weight
Dimensions	10.5 × 91.0 × 192.0 mm	T*W*L
Voltage as of shipment	>3.80V	25±3°C
Operating Temperature	Charge Temperature	0~45°C
	Discharge Temperature	0~45°C
Storage Temperature Range	0~35 °C (Less than one month)	3.60V-3.90V, low humidity
	0~25 °C (Longer than one month)	
	25±3 °C (Recommended storage temperature)	