

ZEO Battery Cells

60Ah 3.50V 400Wh/kg



**400Wh/kg High Density
Capacity**



**Wide Temperature
Operating Range**



**Applications: eVTOL,
drone, robot**



**5C Peak Discharge
Rate**

Model		ZE100133202A-060Ah	
Dimension		Specs (mm)	
Thickness (Initial)		10.0	
Width		133.0±1.0	
Length		202.0±2.0	
Tab width		40±0.2	
Tab Length		28±2.0	
Main Parameter	Rating	Remark	
Nominal Capacity	60.0 Ah	0.5 C rate, 2.5V cut-off	
Minimum. Capacity	60.0Ah		
Nominal Voltage	3.50 V		
Charge Method	CC-CV		
Charge Voltage	4.30 V		
Standard charge current	0.2 C (12A)		
Rapid charge current	1.0 C (60A)	25±2°C	
Standard charge time	>7.0 hours		
Rapid charge time	>1.5 hours		
Charging End Condition	0.05 C (3A)	At CV mode	
Max. charge current	1.0 C (60A)	25±2°C	
Max. Constant Discharge Current	2.0 C (120A)	25±2°C	
Peak Discharge Current	5.0 C (300A)	≤10S, (SOC >50%)	
Discharge Cutoff Voltage	2.50 V	25±2°C	
Cycle Life	≥80% @ 500 cycle	0.5 C cycle @25±2°C	
Initial Impedance	≤4.0 mΩ		
Weight	524±25g	Approx. weight	
Dimensions	10.0 × 133.0 × 202.0 mm	T*W*L	
Voltage as of shipment	2.90~3.20 V	25±3°C	
Operating Temperature	Charge Temperature	0~50°C	
	Discharge Temperature	-40~55°C	
Storage Temperature Range	-40~45 °C (one month)		
	-40~35 °C (three month)		
	25±3 °C (Recommended storage temperature)	≤85% humidity, SOC ~50%	