

# ALUMINUM PRISMATIC LFP CELL

HIGH ENERGY DENSITY PERFORMANCE BATTERY



## APPLICATION



New Energy Passenger Car



New Energy Bus



New Energy Commercial Vehicle



New Energy Construction



New Energy Ship



Telecom ESS



Grid ESS



# ADVANTAGES

Ultra-low temperature performance, high current discharge capability

Fast charge at high and low temp

High energy density

Lower inner resistance, lower self-discharge

Cost-effective

Longer life cycle, cycles over 4000 with 80% DOD



**WITH CERTIFICATES:** ISO9001, ISO13001 and TS16949, and quality certificates: PONY UN38.3, ROHS, CE and UL.



Nominal Capacity	100Ah	100Ah	142Ah	166Ah	210Ah	302Ah
Nominal Voltage	3.2V	3.2V	3.2V	3.2V	3.2V	3.2V
Cycle Life (0.5C/0.5C, 80%DOD@25°C)	≥5000	≥4000	≥4000	≥4000	≥6000	≥8000
AC Internal Resistance (Fresh cell)	≤0.3mΩ	≤0.3mΩ	≤0.4mΩ	≤0.3mΩ	≤0.3mΩ	≤0.25mΩ
Energy Density (Mass energy density)	≥160Wh/kg	≥164.6Wh/kg	≥171.4Wh/kg	≥177Wh/kg	≥167Wh/kg	≥175.7Wh/kg
Weight	2100g±100g	2000g±100g	2650±50g	3100±100g	4010g±120g	5500g±100g
Size(LxWxH)mm	173.9*28.8*207.6	174*48.8*121	222.3*49.7*116.1	173.9*48.8*172.4	173*54*218	174*72*207.7

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