



**RELIABLE**

Grade A  
LiFePO<sub>4</sub> Cell

**CALABLE**

Scalable From 2.62  
to 23.55 kWh

<b>Model</b>	LAR 2620-12.8V	LAR 2940-12.8V
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<b>Performance</b>		
Nominal Ratings	12.8 Vdc, 205 Ah, 2.62 kWh	12.8 Vdc, 230 Ah, 2.94 kWh
Bulk Charge V	14 Vdc	
Float Charge V	13.8 Vdc	
Low Voltage	12.8 Vdc	
Cutoff Voltage	11.6 Vdc	
Charge Current	100 A	
Discharge Current	200 A	
Short Circuit Current	≈1000 A	

<b>General Specification</b>	
Dimension (WxDxH mm)	502 x 186 x 241 mm
Weight (kg)	19.6 kg
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C
Operating / Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP54
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL
Scalability	Max 2 batteries in series Max 4 batteries in parallel

<b>Standard Compliance (more available upon request)</b>	
Certificates	CE, UN38.3

<b>Ordering and Deliverable Part</b>		
Product Ordering Part	LAR 2620-12.8V Battery	LAR 2940-12.8V Battery