



⚡AFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

⚡CALABLE

Scalable From 10.5
To 737.1 kWh

Model	lite 10K5	AIR 11K7
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Performance		
Nominal Voltage	51.2 Vdc	
Nominal Capacity	206 Ah	230 Ah
Battery Energy	10.5 kWh	11.7 kWh
Charge Current	100 A	
Charge Power	6.14 kWh	
Discharge Current	170 A	
Discharge Power	8.7 kW	
Short Circuit Current	540 A	

Communication		
Display	LED indicator	Color touchscreen
Communication	CAN, RS485, RS232	

General Specification		
Dimension (WxDxH mm)	465 x 230 x 695 mm	
Weight (kg)	93 kg	
Installation	Floor Stand or Wall Mount	
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C	
Operating / Storage Humidity	≤95% RH	
Max Operating Altitude	≤2000 m	
IP Rating	IP20	
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate	
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL	
Scalability	Max 63 batteries in parallel	

Standard Compliance (more available upon request)		
Certificates	CE, UN38.3	

Ordering And Deliverable Part		
Product Ordering Part	lite 10K5 Battery (Cable /wall mount included)	AIR 11K7 Battery (Cable /wall mount included)