



⚡AFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

⚡CALABLE

Scalable From 5.22
To 78.3 kWh

Model	lite 5220	AIR 5220
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Performance		
Nominal Voltage	51.2 Vdc	
Nominal Capacity	102 Ah	
Battery Energy	5.22 kWh	
Charge Current	50 A	
Charge Power	2.56 kW	
Discharge Current	100 A	
Discharge Power	5.12 kW	
Short Circuit Current	350 A	

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

General Specification		
Dimension (WxDxH mm)	440x 138x 600 mm	
Weight (kg)	47.3 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 15 batteries in parallel	

Standard Compliance (more available upon request)		
Certificates	IEC 62619, IEC 61000, IEC 62040, UN38.3	

Ordering And Deliverable Part		
Product Ordering Part	lite 5220 Battery (Cable /wall mount included)	AIR 5220 Battery (Cable /wall mount included)