



⚡SAFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

⚡SCALABLE

Scalable from 14.3
to 1008 kWh

Model	lite 14K3	AIR 16K
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Performance		
Nominal Voltage	51.2 Vdc	
Nominal Capacity	280 Ah	314 Ah
Battery Energy	14.3 kWh	16 kWh
Charge Current	150 A	
Charge Power	7.68 kW	
Discharge Current	200 A	
Discharge Power	10.24 kW	
Short circuit current	540 A	

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

General Specification		
Dimension (WxDxH mm)	450 x 230 x 800 mm	
Weight (kg)	120 kg	
Installation	Floor Stand	
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C	
Operating / Storage	≤95% RH	
Max Operating Altitude	≤2000 m	
IP Rating	IP20	
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate	
Cycle life	8000 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 14K3 Battery (Cable included)	AIR 16K Battery (Cable included)