



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



Compatible with  
Major PCS Brand



Scalable from 14.3  
to 1008 kWh



Model	AIR 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	7680 W	
Discharge Current	200 A	
Discharge Power	10240 W	
Short circuit current	540 A	

Communication	
Display	Color Touchscreen
Communication	CAN, RS485, RS232

General Specification	
Dimension (WxDxH mm)	500 x 230 x 780 mm
Weight (kg)	120 kg
Installation	Floor Stand
Working Temperature	-20°C - 60°C
Operating / Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO <sub>4</sub> , 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	AIR 14K3 Battery (Cable included) AIR 16K Battery (Cable included)