



⚡AFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

⚡CALABLE

Scalable from 10.5
to 157.5 kWh

Model	AIR 10K5
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Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	205 Ah
Battery Energy	10.5 kWh
CUS	9.45 kWh
Charge Current	120 A
Charge Power	6144 W
Discharge Current	170 A
Discharge Power	8704 W
Short circuit current	540 A

Communication	
Display	SOC status indicator, LED indicator, LCD Display
Communication	CAN, RS485, RS232

General Specification	
Dimension (WxDxH mm)	465 x 186 x 695 mm
Weight (kg)	83.5 kg
Installation	Floor Stand or Wall Mount
Working Temperature	-20°C - 60°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	CE, UN38.3

Ordering and Deliverable Part	
Product ordering part	AIR 10K5 Battery (Cable / wall mount included)