



⚡AFE

Premium
LiFePO₄ Cell

RUGGED

IP65 To Withstand
Harsh Conditions

⚡UPERIOR

Pack Level
Active Balance

⚡TACKABLE

Scalable From 10.44
To 1002.24 kWh

RELIABLE

Compatible with
Major PCS Brand

⚡MART

Take Control On
Your Phone



Model	AIR 5220-H2	AIR 5220-H4	AIR 5220-H6	AIR 5220-H8	AIR 5220-H10	AIR 5220-H12
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Performance

Nominal Voltage (Vdc)	102.4	204.8	307.2	409.6	512	614.4
Operating Voltage (Vdc)	83.2 - 113.6	166.4 - 227.2	249.6 - 340.8	332.8 - 454.4	416 - 568	499.2 - 681.6
Nominal Capacity (Ah)	102					
Battery Energy (kWh)	10.44	20.88	31.32	41.76	52.20	62.64
Charge Current (A)	50					
Charge Power (kW)	5.12	10.24	15.36	20.48	25.6	30.72
Discharge Current (A)	80					
Discharge Power (kW)	8.19	16.38	24.58	32.77	40.96	49.15

Communication

Display	4.3 inch (16:9) Touch Screen
Communication	CAN

General Specification

Dimension (WxDxH mm)	620 x 380 x 492	620 x 380 x 769	620 x 380 x 1046	620 x 380 x 1323	620 x 380 x 1600	620 x 380 x 1877
Weight (kg)	110	200	290	380	470	560
Installation	Floor Stand					
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C					
Operating / Storage humidity	≤95% RH					
Max Operating Altitude	≤2000 m					
IP Rating	IP65					
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate					
Cycle Life	6000 Cycles @ 80% DoD / 25 °C / 0.5C, 60% EOL					
Scalability	Max 16 piles in parallel					

Standard Compliance(more available upon request)

Certificates	CE, UN38.3
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Ordering And Deliverable Part

Product Ordering Part	AIR 5220-H Battery AIR 5220-H Main Control Level 3 Parallel Box
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