



**⚡AFE**

Premium LiFePO<sub>4</sub>  
Cell

**RUGGED**

IP66 to Withstand  
Harsh Conditions

**⚡UPERIOR**

Proprietary Module  
Technology

**⚡TACKABLE**

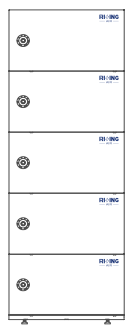
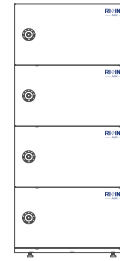
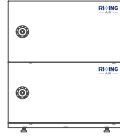
Scalable From 5.22  
To 78.3 kWh

**RELIABLE**

Compatible with  
Major PCS Brand

**⚡MART**

myRISING APP



Model	AIR 5220-S1	AIR 5220-S2	AIR 5220-S3	AIR 5220-S4	AIR 5220-S5
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### Performance

Nominal Voltage	51.2 Vdc				
Nominal Capacity	102 Ah	204 Ah	306 Ah	408 Ah	510 Ah
Battery Energy	5.22kWh	10.44kWh	15.66kWh	20.88kWh	26.1kWh
Charge Current	50 A	100 A	150A	200A	200A
Charge Power	2.5kW	5kW	7.5kW	10kW	10kW
Discharge Current	50 A	100 A	150A	200A	200A
Discharge Power	2.5kW	5kW	7.5kW	10kW	10kW
Short circuit current	350 A				

### Communication

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

### General Specification

Dimension (WxDxH mm)	650x135x416	650x135x777	650x135x1138	650x135x1499	650x135x1860
Weight (kg)	47 kg	91.3 kg	135.6 kg	180kg	224.2 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	≤2000m				
IP Rating	IP66				
Cell Technology	LiFePO <sub>4</sub> ,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, IEC61000, IEC62619, IEC62040, UN38.3, ROHS				
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### Ordering and Deliverable Part

Product ordering part	AIR 5220-S Battery + Parallel Cable AIR 5220-S Base + Power Cable				
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