



Model	POWER 5220-S1	POWER5220-S2	POWER5220-S3	POWER5220-S4	POWER5220-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
CUS	4.7kWh	9.4kWh	14.1kWh	18.8kWh	23.5kWh
Charge Current	50 A	100 A	150A	200A	200A
Charge Power	2500W	5000W	7500W	10000W	10000W
Discharge Current	50 A	100 A	150A	200A	200A
Discharge Power	2500W	5000W	7500W	10000W	10000W
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				
Working Temperature	-20°C-60°C				
Operating / Storage humidity	≤95% RH				
Max Operating Altitude	≤2000m				
IP Rating	IP66				
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, IEC61000, IEC62619, IEC62040, UN38.3, ROHS

Ordering And Deliverable Part	
Product Ordering Part	POWER 5220-S Battery + Parallel Cable POWER 5220-S Base + Power Cable



AFE

Proprietary Module Technology



RUGGED

IP66 to withstand Harsh Conditions



UPERIOR

Premium LiFePO₄ Cell



TACKABLE

Scalable From 5.22 To 78.3 kWh



RELIABLE

Compatible with Major PCS Brand



MART

Take Control on Your Phone