





AFE

Premium
LiFePO₄Cell



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	POWER5220-H2	POWER 5220-H4	POWER 5220-H6	POWER 5220-H8	POWER 5220-H10	POWER5220-H12
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 (W)	5120	10240	15360	20480	25600	30720
Discharge Current (A)	80					
Discharge Power (W)	8192	16384	24576	32768	40960	49152
Communication						
Display	4.3 inch (16:9) Touch Screen					
Communication	CAN					
General Specification						
Dimension (W×D×H mm)	620×380×492	620×380×769	620×380×1046	620×380×1323	620×380×1600	620×380×1877
Weight (kg)	110	200	290	380	470	560
Installation	Floor Stand					
Working Temperature	-20℃ - 60℃					
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					
Ordering And Deliverable Part						
Product Ordering Part	POWER 5220-H Battery POWER 5220-H Main Control Level 3 Parallel Box					