

Model	APEX 5220 Zaronx
Battery Energy	5.22 kWh
IP Rating	IP20
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL



AFE
Grade A
LiFePO₄ Cell

RELIABLE
Compatible with
Major PCS Brand

SCALABLE
Scalable From 5.22
To 78.3 kWh

Model	APEX 5220 Zaronx
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	102 Ah
Battery Energy	5.22 kWh
Charge Current	50 A
Charge Power	2.56 kW
Discharge Current	100 A
Discharge Power	5.12 kW
Short Circuit Current	350 A
Communication	
Display	LED indicator
Communication	CAN, RS485, RS232
General Specification	
Dimension (WxDxH mm)	536 × 440 × 148mm
Weight (kg)	47.3 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	≤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 62619, CE 61000, CE 62040, UN38.3
Ordering And Deliverable Part	
Product Ordering Part	APEX 5220 Battery(Cable /wall mount included)