



SAFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

SCALABLE

Scalable From 5.22
to 78.3 kWh

Model	APEX 5220 PRO
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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)	650 x 420 x 138 mm
Weight (kg)	47 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	IP66
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle Life	8000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL
Scalability	Max 15 batteries in parallel

Standard Compliance (more available upon request)	
Certificates	CE, UN38.3

Ordering And Deliverable Part	
Product Ordering Part	APEX 5220 PRO Battery(Cable /wall mount included)