



AFE
Grade A
LiFePO₄ Cell

RELIABLE
Compatible with
Major PCS Brand

CALABLE
Scalable From 5.22
To 78.3 kWh

Model	APEX 5220
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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)	440 x 138 x 600 mm
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	
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)