



**SAFE**

Grade A  
LiFePO<sub>4</sub> Cell

**RELIABLE**

Compatible with  
Major PCS Brand

**SCALABLE**

Scalable From 5.22  
to 78.3 kWh

<b>Model</b>	<b>APEX 5220 PRO</b>
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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 <sub>4</sub> , Lithium Iron Phosphate
Cycle Life	OR(2/
Scalability	Max 15 batteries in parallel

**Standard Compliance (more available upon request)**

Certificates	CE, UN38.3
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**Ordering And Deliverable Part**

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