



**AFE**

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



**RELIABLE**

Compatible with  
Major PCS Brand



**CALABLE**

Scalable From 4.9  
To 78.3 kWh

Model	POWER 4900-3U	POWER 5220-3U
<b>Performance</b>		
Nominal Voltage	48 Vdc	51.2 Vdc
Nominal Capacity	102 Ah	102 Ah
Battery Energy	4.9 kWh	5.2 kWh
CUS	4.4 kWh	4.7 kWh
Charge Current	50 A	50 A
Charge Power	2400 W	2560 W
Discharge Current	100 A	100 A
Discharge Power	4800 W	5120 W
Short Circuit Current	350 A	

<b>Communication</b>		
Display	SOC status indicator, LED indicator	
Communication	CAN, RS485, RS232	

<b>General Specification</b>		
Dimension (WxDxH mm)	440 x 500 x 132mm	
Weight (kg)	41 kg	43 kg
Installation	Rack Mounted	
Working Temperature	-20°C - 60°C	
Operating / Storage	≤95% RH	
Max Operating Altitude	≤2000 m	
IP Rating	IP20	
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate	
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL	
Scalability	Max 5 batteries in parallel	Max 15 batteries in parallel

<b>Standard Compliance (more available upon request)</b>		
Certificates	CE, UN38.3	

<b>Ordering And Deliverable Part</b>		
Product Ordering Part	POWER 4900-3U / POWER 5220-3U (Mini Rack Included) 10 x 3U Rack 25 mm <sup>2</sup> Power Cable Set	