



**AFE**

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



**RELIABLE**

Compatible with  
Major PCS Brand



**CALABLE**

Scalable From 14.3  
To 1008 kWh

Model	POWER 14K3	POWER 16K
-------	------------	-----------

### Performance

Nominal Voltage	51.2 Vdc	
Nominal Capacity	280 Ah	314 Ah
Battery Energy	14.3 kWh	16 kWh
Charge Current	150 A	
Charge Power	7680 W	
Discharge Current	200 A	
Discharge Power	10240 W	
Short Circuit Current	540 A	

### Communication

Display	Color Touchscreen
Communication	CAN, RS485, RS232

### General Specification

Dimension (WxDxH mm)	500 x 230 x 780 mm
Weight (kg)	120 kg
Installation	Floor Stand or Wall Mount
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 63 batteries in parallel

### Standard Compliance (more available upon request)

Certificates	CE, UN38.3
--------------	------------

### Ordering And Deliverable Part

Product Ordering Part	POWER14K3 Battery (Cable / wall mount included) POWER 16K Battery (Cable / wall mount included)
-----------------------	--