



**⚡ AFE**

Premium  
LiFePO<sub>4</sub> Cell

**⚡ RUGGED**

IP54 to withstand  
Harsh Conditions

**⚡ SUPERIOR**

Pack Level  
Active Balance

**⚡ TACKABLE ⚡ RELIABLE**

Scalable From 128  
To 3858 kWh

Compatible with  
Major PCS Brand

**⚡ MART**

Remote Access  
Via Your Phone

Model	POWER-128K	POWER-144K	POWER-160K	POWER-176K	POWER-192K	POWER-208K	POWER-225K	POWER-241K
-------	------------	------------	------------	------------	------------	------------	------------	------------

**Performance**

Nominal Voltage (Vdc)	409.6	460.8	512	563.2	614.4	665.6	716.8	768
Operating Voltage (Vdc)	332.8-454.4	374.4-511.2	416-568	457.6-624.8	499.2-681.6	540.8-738.4	582.4-795.2	624-852
Nominal Capacity (Ah)	314							
Battery Energy (kWh)	128	144	160	176	192	208	225	241
Charge Current (A)	160							
Charge Power (kW)	65.54	73.73	81.92	90.11	98.3	106.5	114.69	122.88
Discharge Current (A)	160							
Discharge Power (kW)	65.54	73.73	81.92	90.11	98.3	106.5	114.69	122.88

**Communication**

Display	7 inch (16:9) Touch Screen
Communication	CAN

**General Specification**

Dimension (WxDxH mm)	1260×1160×2320							
Weight (kg)	1314	1432	1550	1668	1786	1904	2022	2140
Installation	Floor Stand							
Working Temperature	-20°C ~ 60°C							
Operating / Storage Humidity	≤95% RH							
Max Operating Altitude	≤2000 m							
IP Rating	IP54							
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate							
Cycle Life	6000 Cycles @ 80% DoD / 25 °C / 0.5C, 60% EOL							
Scalability	Max 16 Units In Parallel							

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

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

**Ordering and Deliverable Part**

Product Ordering Part	POWER-128K / POWER-144K / POWER-160K / POWER-176K POWER-192K / POWER-208K / POWER-225K / POWER-241K
-----------------------	--