



<p>AFE</p> <p>Premium LiFePO₄ Cell</p>	<p>RUGGED</p> <p>IP54 to Withstand Harsh Conditions</p>	<p>UPERIOR</p> <p>Pack Level Active Balance</p>
<p>TACKABLE</p> <p>Scalable From 128 to 3858 kWh</p>	<p>RELIABLE</p> <p>Compatible with Major PCS Brand</p>	<p>MART</p> <p>Remote Access Via Your Phone</p>

Model	APEX 128K	APEX 144K	APEX 160K	APEX 176K	APEX 192K	APEX 208K	APEX 225K	APEX 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	Charge: 0~55 C / Discharge: -20 C ~ 55 C							
Operating / Storage Humidity	≤95% RH							
Max Operating Altitude	≤2000 m							
IP Rating	IP54							
Cell Technology	LiFePO ₄ , 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	APEX-128K/APEX-144K/APEX-160K/APEX-176K APEX-192K/APEX-208K/APEX-225K/APEX-241K							