

Green Cell

GC LiFePO4 Battery

CAV08 | 12 Ah | 12.8 V

Product card



Long maintenance-free operation

The extremely long period of trouble-free and maintenance-free operation makes them an excellent investment for your project.

Even lower weight

The extraordinary energy density means that a GC LiFePO4 battery can weigh up to 1/3 less than a classic lead acid battery with the same parameters.

Wide operating temperatures

The battery can be discharged in a wide temperature range from -10 to 55°C. The biting cold, or the blazing sands - the battery can be use wherever you want.

High charging and discharging power

Even higher battery power with much faster charging.

Parameters

| | | | |
|----------------------------------|---------------------|--|--|
| Model / SKU | CAV08 | Max Pulse Discharge Current | 24 A / 10S |
| Energy | 154 Wh | Weight | ≤1.46 KG |
| Cell type | Cylindrical | Parallel connection | No quantity limit, make sure that the voltage of each battery is the same or the voltage difference is within <0.3 V |
| Cell grade | A grade; brand new | Series connection | Maximum 2 batteries in series, Make sure each battery is fully charged before connecting in series |
| Voltage of single battery cell | 3.2 V | Charge Operating Temperature | 0~45°C |
| Cell connection | 4S2P | Discharge Operating Temperature | -10~55°C |
| Certificates | UN38.3 ; MSDS ; emc | Storage Temperature (60-80% SOC Storage) | 0~45°C |
| Case dimension (L*W*H) | 151*99*95 mm | Capacity at 1C rate 0.2C | ≥12 Ah |
| Nominal Voltage | 12.8 V | Cycle Life (Cycle at RT,1C rate, 85%DOD) | >2000 cycles |
| Nominal Capacity | 12 Ah | Terminal | Faston 250 (F2) |
| Internal Resistance | ≤67 mΩ | | |
| End of charge Voltage | 14.6 V | | |
| End of charge Current | 100 mA | | |
| End of discharge Voltage | 9.2 V | | |
| Charge Method | CC/CV | | |
| Max Continuous charge current | 6 A | | |
| Max Continuous discharge current | 12 A | | |

