

## GC LiFePo4 Battery

CAV09 | 7 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**

**Max Continuous** 

discharge current

Model / SKU CAV09 **Energy** 90 Wh Cell type Cylindrical Cell grade A grade; brand new Voltage of single battery cell 3.2 V Cell connection 4S2P Certificates UN38.3; MSDS; emc; IEC62133-2 Case dimension (L\*W\*H) 151\*65\*95 mm Nominal Voltage 12.8 V **Nominal Capacity** 7 Ah Internal Resistance ≤89 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 5 Ah charge current

Max Pulse Discharge Current Weight Parallel connection

**Series connection** 

Charge Operating Temperature
Discharge Operating Temperature
Storage Temperature
(60-80% SOC Storage)
Capacity at 1C
rate 0.2C
Cycle Life (Cycle at RT,1C rate, 85%DOD)
Terminal

15 A / 10S ≤0.94 KG

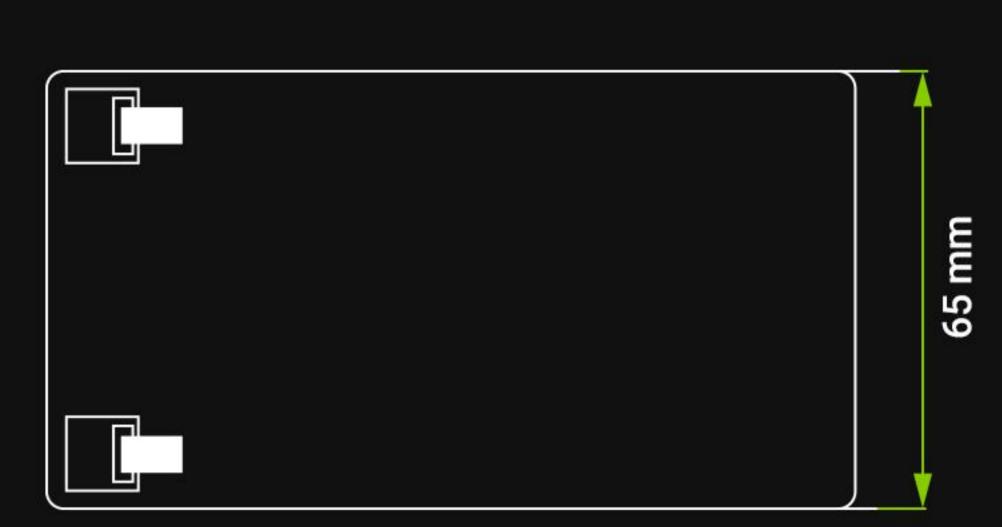
No quantity limit, make sure that the voltage of each battery is the same or the voltage difference is within <0.3 V Maximum 2 batteries in series, Make sure each battery is fully charged before connecting in series

0~45°C -10~55°C

0~45°C

≥7 Ah

>2000 cycles Faston 250 (F2)



7 Ah

