#### Green Cell

## GC LiFePo4 Battery

CAV07 | 20 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**

discharge current

Model / SKU CAV07 Energy 256 Wh Cell type Prismatic Cell grade A grade; brand new Voltage of single battery cell 3.2 V Cell connection 4S1P Certificates UN38.3; MSDS; emc Case dimension (L\*W\*H) 181\*76\*170 mm Nominal Voltage 12.8 V **Nominal Capacity** 20 Ah Internal Resistance ≤58 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** 10 A charge current **Max Continuous** 

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

30 A / 10S ≤2.76 KG

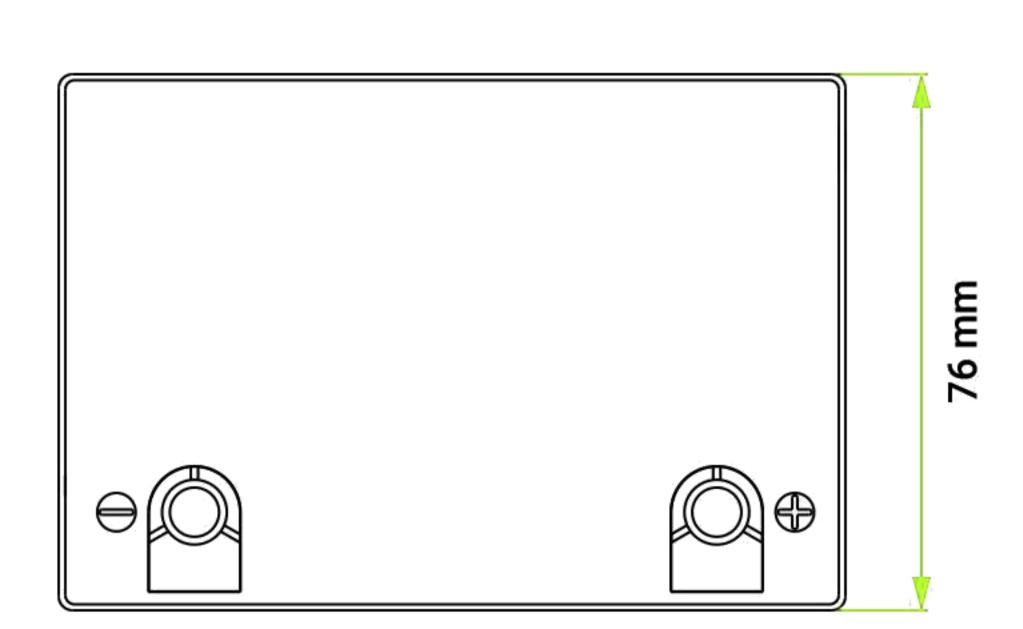
No quantity limit, make sure that the voltage of each battery is the same or the voltage difference is within <0.3 V Maximum 2 batteries in series, Make sure each battery is fully charged before connecting in series

0~45°C -10~55°C

0~45°C

≥20 Ah

>2000 cycles M5



20 A

