

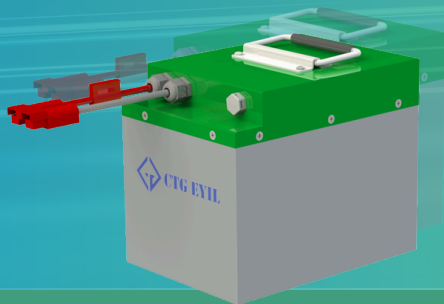


CTG EYIL

DataSheet
CTG EV LFP 51.2V 100Ah

ELECTRIC VEHICLE Battery Pack

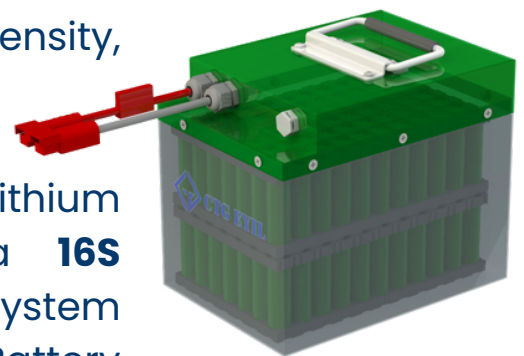
LITHIUM ION BATTERIES
For Electric Vehicles



CTG EYIL

The **CTG EV Battery** Pack is engineered for electric vehicle applications, delivering high energy density, stable performance, and long service life.

Each pack is built with premium **3.2V LFP** (Lithium Ferro Phosphate) lithium-ion cells in a **16S configuration**, forming a **51.2V** battery system managed by an intelligent BMS (Battery Management System).



The integrated **Smart BMS** ensures reliable operation and provides protection against over-charge, over-discharge, over-current, and short-circuit conditions—ensuring safe and efficient power delivery for various EV applications.

Features:

- 16S LFP Li-ion configuration
- Compact and lightweight design
- Smart BMS
- Easy installation
- Mobile monitoring



High
Efficiency



Easy
Installation



Expandable
system



Smart
BMS

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ITEM	SPECIFICATION
Configuration	16S1P
Nominal Voltage(V)	51.2V
Nominal Capacity(AH)	100Ah
Operating Voltage(V)	44.8V - 58.4V
Rated energy(KWH)	5.12kW
Std. Charge Current	0.3C
Std. Discharge Current	1C
Max Charge Current	1C
Max Discharge Current	3C
Weight (Approx. in Kg)	45Kg
IP grade	IP 65
Dimensions (LxWxH)	459*364*180
Cycle Life	3500 Cycle (90% DOD)
Warranty	5 Years (Refer CTG Warranty Document)
Working Temperature	0°C to 55°C (Charging) / -20° to +60°C (Discharging)
Recommended Charger	LFP 58.4V / 30A



ELECTRIC VEHICLE
Battery Pack