

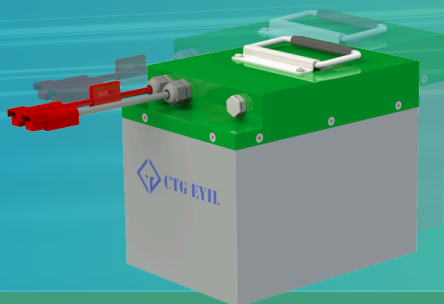


# CTG EYIL

DataSheet  
CTG EV LFP 64V 80Ah

## ELECTRIC VEHICLE Battery Pack

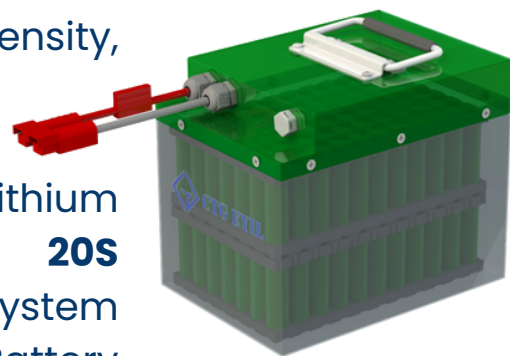
LITHIUM ION BATTERIES  
For Electric Vehicles



# 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 **20S configuration**, forming a **64V** 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:

- 20S 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	20S1P
Nominal Voltage(V)	64V
Nominal Capacity(AH)	80Ah
Operating Voltage(V)	56V - 73V
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)	48Kg
IP grade	IP 65
Dimensions (LxWxH)	477*328*200
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 73V / 24A