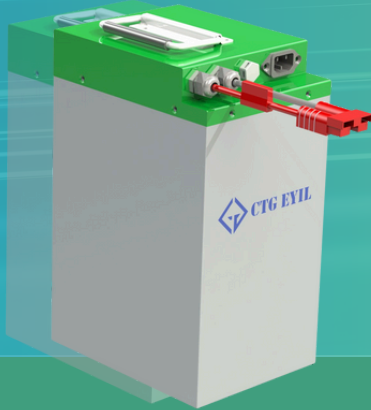




ELECTRIC VEHICLE Battery Pack

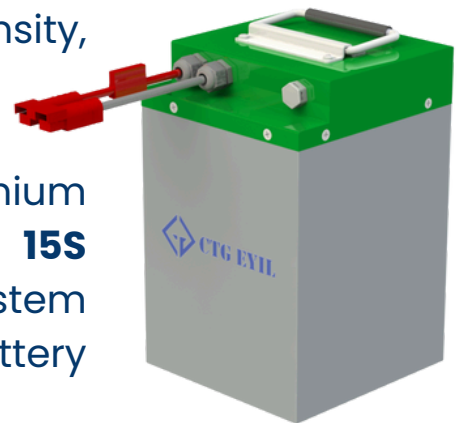


LITHIUM ION BATTERIES
For Electric Vehicles

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 **15S configuration**, forming a **48V 30Ah** 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:

- 15S LFP Li-ion configuration
- Compact and lightweight design
- Smart BMS
- Easy installation
- Mobile monitoring



High Efficiency



Easy Installation



Expandable system



Smart BMS

www.ctgeyil.com



ITEM	SPECIFICATION
Configuration	15S5P
Nominal Voltage(V)	48V
Nominal Capacity(AH)	30Ah
Operating Voltage(V)	40V - 54.75V
Rated energy(KWH)	4.42kW
Std. Charge Current	0.3C
Std. Discharge Current	1C
Max Charge Current	1C
Max Discharge Current	3C
Weight (Approx. in Kg)	39.1Kg
IP grade	IP 65
Dimensions (LxWxH)	630*260*190
Cycle Life	2000 Cycle (90% DOD)
Warranty	3 Years (Refer CTG Warranty Document)
Working Temperature	0°C to 55°C (Charging) / -20° to +60°C (Discharging)
Recommended Charger	LFP 54.75V/8A