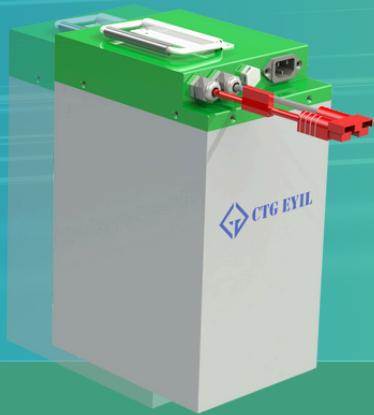


## ELECTRIC VEHICLE Battery Pack

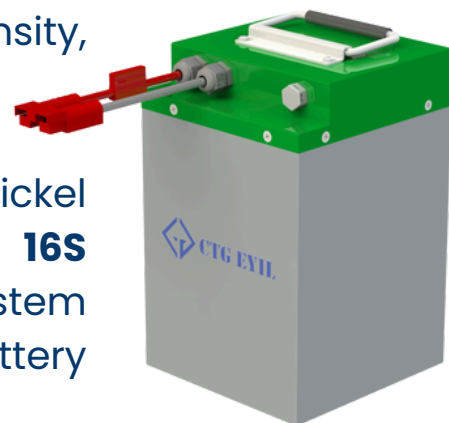


LITHIUM ION BATTERIES  
For Electric Vehicles

# 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 **3.7V NMC** (Nickel Manganese Cobalt) lithium-ion cells in a **16S configuration**, forming a **60V** 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 NMC Li-ion configuration
- Compact and lightweight design
- Smart BMS
- Easy installation
- Mobile monitoring



High  
Efficiency



Easy  
Installation



Expandable  
system



Smart  
BMS

[www.ctgeyil.com](http://www.ctgeyil.com)

ITEM	SPECIFICATION				
Configuration	16S11P	16S12P	16S13P	16S8P	16S9P
Nominal Voltage(V)	60V				
Nominal Capacity(AH)	28.6Ah	31.2Ah	34Ah	36Ah	40.5Ah
Operating Voltage(V)	48V – 67.2V				
Rated energy(KWH)	1.72kW	1.87kW	2.03kW	2.16kW	2.43kW
Std. Charge Current	0.2C				
Std. Discharge Current	1C				
Max Charge Current	1C				
Max Discharge Current	3C				
Weight (Approx. in Kg)	10.4Kg	11.2Kg	12.1Kg	11.3Kg	12.2Kg
IP grade	IP 65				
Dimensions (LxWxH)	158*175*265 232*181*185	158*180*282	156*170*301	162*195*251 190*195*227	162*195*249
Cycle Life	1000 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	NMC 67.2V/6A	NMC 67.2V/6A	NMC 67.2V/6A	NMC 67.2V/8A	NMC 67.2V/8A

**CTG EYIL**

ELECTRIC VEHICLE  
Battery Pack

ITEM	SPECIFICATION			
Configuration	16S10P	16S11P	16S12P	16S15P
Nominal Voltage(V)	51.8V			
Nominal Capacity(AH)	45Ah	49.5Ah	54Ah	39Ah
Operating Voltage(V)	40V – 58.8V			
Rated energy(KWH)	2.7kW	2.97kW	3.24kW	2.34kW
Std. Charge Current	0.2C			
Std. Discharge Current	1C			
Max Charge Current	1C			
Max Discharge Current	3C			
Weight (Approx. in Kg)	13.4Kg	14.3Kg	16Kg	14Kg
IP grade	IP 65			
Dimensions (LxWxH)	161*195*271	161*195*293	161*200*320	167*152*340
Cycle Life	1000 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	NMC 67.2V/10A	NMC 67.2V/10A	NMC 67.2V/12A	NMC 67.2V/8A

**CTG EYIL**

ELECTRIC VEHICLE  
Battery Pack