

Helpline 📞 9020 121 121 / 7594 970 060



Two Wheeler
Electric Vehicles



Lithium Ion
Battery Pack



Powered by Lithium Ion Cells

Hykon 2 Series for Scooters

E-Scooter batteries are available in Li-ion and LFP variants, both well designed to meet Indian environment and cost effectiveness. Aluminium enclosure or soft pack options make these batteries compatible with most electric scooters. Enclosure dimension/ shape along with cell configuration and battery capacities are customizable.

Salient Features

- Eco friendly
- Quick charge
- Plug and Play Battery
- Built in BMS for protection
- Cost effective
- Customizable enclosure
- 100% Round trip efficiency
- Digital Display available

Technical Specification

Model	HY-LFP-48015	HY-LFP-48020	HY-LFP-60020
Nominal Capacity @ 0.5C Discharge (25°C)	15Ah	20Ah	
Li-ion Chemistry	Lithium Ferro Phosphate (LFP)		
Nominal voltage(3.2V/Cell)	48V		60.8V
Standard Charge Voltage(3.6V/Cell)	54V		68.4V
Max. Charge Voltage(3.65V/Cell)	54.7V		69.35V
Standard charge Current(0.2C)	3A	4A	
Rapid. charge Current(1C)*	15A	20A	
Charge method	CVCC		
Cut off Voltage(2.5V/Cell)	37.5V		47.5V
Standard discharge Current(0.5C)*	7.5A	10A	
Continuous discharge current (1C)*	15A	20A	
Max discharge current	30A	40A	
Cooling Method	Natural Cooling		
Termination	Anderson Connectors		
Cycle Life @ 80 % DOD	>2000 Cycles		
Features (Optional)	-		
Protections (BMS)	Over Charge, Under Voltage, Over Temperature, Over Current, Short circuit.		
Operating temperature	Charge:	0 ~45°C	
	Discharge:	-20 ~65°C	
Storage temperature	-20 ~45°C		
Weight (Approx)	8 kg	10 kg	13 Kg
Dimension(LWH)mm (customizable)	220x180x170	215x190x200	340x200x200
Casing	Metal Cabinet		

* Charge & Discharge current will vary depends on BMS capacity and specification.

* BMS will vary depends on Application.

* LFP Battery pack can be made as per the customised dimension and specification

Helpline

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MADE IN INDIA