

# *Introducing an advanced era of E-mobility*

**LITIO** batteries for two-wheeler Electric Vehicles commit a safe and affordable journey for the ones who take their trip seriously.

**LITIO ENDURO** promises to serve their users with premium technology in every ride and be the best partner ensuring uninterrupted journey.



## **Key Features:**

- ✓ BIS approved cells
- ✓ Intelligent BMS
- ✓ Suitable for rough application environment
- ✓ High energy density cells


# TECHNICAL SPECIFICATION



## TWO WHEELER

Parameter	Values
Product model	LITIO-4828-2
Chemistry	NMC
Normal voltage	48V
Rated capacity	28Ah
Energy	1344Wh
Charging mode	CC/CV
Ingress protection	IPX7
Charge voltage	54.6
Standard cut off voltage	Charge cut off voltage - 54.6V Discharge cut off voltage- 35.1V
Standard charge current at 0.5C	14A
Max continuous Charge current	6A
Max Continuous Discharge current	30A for <20 min
Nominal discharge current is at 1C	28A
Peak discharge current	30A for <20 Min
BMS Protections	Cell balancing/Overcharge/Over-discharge/Short-circuit/ Charging low-high temperature/Discharging low-high temperature Protection
Connectors	1:Charge port : Microphone charge port 2:Discharge port : 2+6 discharge port
Life cycle	1000 cycles @ 80% DoD at 0.5C charge and 1C discharge



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