

NMC Li-Ion 21700 Cell



Cylindrical NMC Li-ion cells are commonly used in electric scooters and are available in 21700 format only. The 21700 cell has a size of 21mm diameter and 70mm length. Each cell has a nominal voltage of 3.6V to 3.7V and a capacity of 4.0 Ah to 5.0 Ah (4000-5000 mAh). The maximum charge voltage is 4.2V, while the cut-off voltage (discharge) is 2.5V to 2.75V.

SMART BMS PROTECTION SYSTEM DURABLE & LOW MAINTENANCE

Specifications

Battery Type: Lithium-ion

Range: 30-35 Km to 150-160 Km

Energy: 1500 Wh (1.5 kWh)

Charging Time: 3-5 hours

Cycle Life: 800 - 1500+ cycles

Weight: 8 - 13 kg

Body: Metal

Warranty: 1-5 Year

OTP-EV LiFePO4 Battery



OTP-EV LFP Battery is specially designed for Electric Rickshaws, powered by advanced LiFePO4 (Lithium Iron Phosphate) technology. It offers 100 Ah capacity with a 3.2 V cell voltage, excellent cycle life of up to 4,000 cycles, and a maximum discharge rate of 3C. The battery is designed for reliable, long-lasting performance and is suitable for electric rickshaw applications. Its prismatic cell design, low self-discharge rate, approximately 2-hour charging time, and robust construction make it an efficient and dependable energy solution for electric mobility.

You Are **WELCOME** to Join Our **DISTRIBUTORSHIP**

ON TIME POWER PVT. LTD.

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OTP EV Your Smart Electric Ride

The OTP-EV Electric Scooter is designed to deliver a comfortable, reliable, and efficient riding experience for everyday transportation. With a net weight of 85–90 kg including the battery, it offers a top speed of 25–45 km/h, depending on the selected configuration. It features 3 riding speed modes with reverse function, providing better control and convenience. A digital display speedometer keeps essential riding information clearly visible, while the scooter supports a carrying capacity of up to 150 kg.

Powered by a 1000W/1200W motor, the OTP-EV provides dependable performance for daily commuting. It comes equipped with 90/100-12 tubeless tyres and alloy wheels for enhanced stability and smooth riding. Front and rear disc brakes provide reliable braking performance and safety. The scooter requires approximately 3–4 hours to charge. It includes a 1-year warranty on the motor, charger, and controller, while the battery warranty ranges from 12 to 60 months, depending on the selected battery option.



OTP-ENERGY



OTP-ULTIMATE



OTP-MODERN



ROCK-ACTIVA



OTP-E4



OTP-CLASSIC



OTP-ZX

LITHIUM-ION BATTERIES

for Electric Vehicle

Powering Smart & Sustainable Mobility

LIGHTWEIGHT | FAST CHARGING | SAFE & RELIABLE



48V/32Ah

45–50 Km



60V/32Ah

70–80 Km



60V/45Ah

100–120 Km



48V/25Ah

35–40 Km



60V/25Ah

55–60 Km



72V/45Ah

140–160 Km