



Product Catalogue

EcoRide



Renewaa EcoRide

- Engineered to enhance range, performance, and efficiency of electric bikes
- Designed for seamless compatibility with a wide range of e-bikes
- Provide reliable performance under varying riding conditions

Features

- High Energy Density Design to deliver extended riding range
- Compact and Lightweight Build
- Fast Charging Capability to reduce downtime
- Stable Power Output for smoother acceleration and improved performance
- Long Cycle Life ensuring long-term reliability

SPECIFICATIONS

	ER48020	ER48030	ER48040	ER48050	ER60020	ER60030	ER60040	ER60050	ER72020	ER72030	ER72040	ER72050
Voltage	48V	48V	48V	48V	60V	60V	60V	60V	72V	72V	72V	72V
Capacity	20Ah	30Ah	40Ah	50Ah	20Ah	30Ah	40Ah	50Ah	20Ah	30Ah	40Ah	50Ah
Estimated Range	40 - 50 km	50 - 60 km	60 - 80 km	80 - 100 km								
Cell Type		LFP				LFP				LFP		
Peak Voltage		51.2V				64V				73.6V		
Depth of Discharge (DOD)		>95%				>95%				>95%		
Protection Level		Water and Dust Resistant				Water and Dust Resistant				Water and Dust Resistant		
Cycle Life (80% DOD)		2500		4500		2500		4500		2500		4500
Charging Temperature		0-55°C				0-55°C				0-55°C		
Discharging Temperature		(minus) 20 - 60°C				(minus) 20 - 60°C				(minus) 20 - 60°C		
Display		Optional				Optional				Optional		
Installation		Customized for Bike Model				Customized for Bike Model				Customized for Bike Model		
Protection		Built in Smart BMS				Built in Smart BMS				Built in Smart BMS		
Warranty		3 Years / 100,000km				3 Years / 100,000km				3 Years / 100,000km		



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