

MSR

LITHIUM BATTERIES

72V 40Ah

ELECTRIC BIKE BATTERY



LiFePO4



Bluetooth



2,860Wh



TECHNICAL SPECIFICATIONS

72V CLASS | 40Ah

Model	EV7240
Battery Type	LiFePO4
Nominal Voltage	71.5 V
Nominal Energy	2,860 Wh
Nominal Capacity	40 Ah
Operating Voltage Range	65 V - 78.1 V
Standard Charging Current	10 A
Maximum Continuous Charging Current	20 A
Cut-Off Charging Voltage	78.1 V
Cut-Off Charging Current	1 A
Standard Discharge Current	60 A
Maximum Continuous Discharge Current	80 A
Maximum Pulse Discharge Current	100 A
Cut-Off Discharge Voltage	61.6 V
Cut-Off Discharge Current	1 A
Dimensions	160 × 250 × 420 mm
Weight	19 kg ± 3 kg
Cell Type	40135/Cylindrical
Cell Configuration	22S2P
Working Temperature/Charge	0°C to +55°C
Working Temperature/Discharge	-20°C to +60°C
Ingress Protection	IP54
Cooling Type	Natural Cooling
Humidity	10% - 96%
Altitude (m)	2,000 m
Shell Material	Metal
Current Limiting Function	No
Precharge Function	Enable
Display Mode	Switch/LCD (optional)
Design Life	10 Years
Cycle Life	>4,000 @ 25°C, 0.5C, 90% DOD
Application Support	Yes (via Bluetooth)

MSR Energy Solutions

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