

MonoLith™ Battery Pack System

M100Series - Liquid Cooled



PART #	Vmax	Vmin	Energy Capacity [kWh]	Charge Capacity [Ah]	Continuous Discharge
M100-2PE-236 Energy Pack	496	295	102	240	300A
M100-4PE-236 Energy Pack	248	148	102	480	300A



Key Features

- Configurable Digital BMS
- CANbus 2.0 Communication Architecture
- J1772 Protocol Compatibility
- Internally Integrated Contactors and Precharge Circuit
- Optical Leak Detection
- Wire-Bonded Fused Cells
- Pack-Level Fusing
- Manual Service Disconnect

Discharge Temperature Range	-20°C ~ 55°C
Charge Temperature Range	0°C ~ 50°C
Ingress Protection Rating	IP67
Recommended Coolant Medium	Low-Conductivity Glycol
Approximate Mass	761kg
Cathode Material	Nickel Manganese Cobalt Oxide
Cell Safety Compliance	UL 1642, IEC 62133, UN 38.3
BMS Functional Safety Compliance	ISO 26262



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