

MonoLith™ Battery Pack System



M25 Series - Liquid Cooled



PART #	Vmax	Vmin	Energy Capacity [kWh]	Charge Capacity [Ah]	Continuous Discharge
M25-2SE-056 Energy Pack	470	280	24	60	180A
M25-2SP-056 Power Pack	470	280	21	50	300A
M25-1SE-056 Energy Pack	235	140	24	120	300A
M25-2PE-056 Energy Pack	118	70	24	240	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	181kg
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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