

COMPONENTS

LITACORE 1150

Battery Module

Powered by Lithium-ion Ceramic Technology



LITACORE 1150

Product Features

LITACORE exhibits an outstanding combination of leading-edge cycle and calendar life, unique safety features and a superior quality level based on LITACELL® Lithium-ion ceramic cells.

- **Integrated sensors** - voltage and temperature easy for integration with BMS
- **Vibration optimized** - laser welded tabs and padded frames for dampening
- **Thermal management** - integrated heat sink and thermal padding between cells
- Superior **cycle and calendar life**
- Extraordinary **safety** - full ceramic separator SEPARION® inside
- Optimized for motive applications

Specifications	
Battery Technology	LITACELL® LC-44 Lithium-ion Ceramic Cell (NMC)
Number of Cells Per Cassette	7
Cell Configuration	7S1P
Total Energy Nominal (kWh)	1.14
Capacity Nominal (Ah)	44
Max Voltage	29.4
Nominal Voltage	25.6
Min Voltage	21.0
Charge/ Discharge Current (A)	Continuous 90A (2C) 30s: 220A (5C) 1s: 450A (10C)
Operational Temperature	Discharge -20°C to +50°C Charge 0°C to 40°C
Expected Cycle Life*	6000 Cycles
Dimensions (WxDxH)	177mm x 123mm x 285mm
Weight	9 kg

*Depending on operating conditions



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