PBS-1050378-A/L Series

Technical Datasheet

Safe & reliable
Lithium Nickel Manganese Cobalt Oxide
Cell Tested and Certified Product

High Voltage Configuration
High Efficiency Rate

Modular Concept
Connection up to 16 racks in parallel

High Energy Density
360 kWh/m²

More Usable Energy
Up to 7 500 cycles

Perfect Compatibility
Compatible with Most PCS in the Market

Energy Management Available
Power Distribution Unit SCADA ready

Maintenance Free
Cost reduction

Eco friendly
Up to 98% Recyclable

Technical specifications

Performance	
Nominal voltage	1050 V
Operating voltage range	860 – 1180 V
Installed energy @100%DoD	378 kWh
Nominal capacity	360 Ah
Charging current	Up to 1C
Discharging current	Up to 1C
Communication	
Display	SOC indicator, Status indicator
Communication	MODBUS TCP/IP
Cell safety	Over-voltage, under-voltage, over-current, over-temperature, and under-temperature protection Intelligent cell balancing (passive)
Features	State of Charge calculations Battery charger control Pack temperature monitoring State of Health monitoring Isolation fault detection Diagnostic and monitoring interface Event logging
General specifications	
Cell technology	NMC – Lithium Nickel Manganese Cobalt Oxide (LiNiMnCoO2)
Operating temperature	Discharge -10°C to +50°C Charge 0°C to +50°
Recommended operating temperature	15°C to +30°C
Cooling	Active air Active liquid
Dimensions (H x W x D)	2400 x 1350 x 780 mm
Weight	3000 kg
Parallel connection	Up to 16 racks

Typical product configuration.
Appearance and interfaces may vary.

PRIME

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