



Safe & reliable

Lithium Nickel Manganese Cobalt Oxide
Cell Tested and Certified Product



High Voltage Configuration

High Efficiency Rate



Modular Concept

Connection up to 32 racks in parallel



High Energy Density

490 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	295 kWh	
Nominal capacity	280 Ah	
Charging current	Up to 1C	
Discharging current	Up to 1C	
Communication		
Display	SOC indicator, Status indicator	
Communication	MODBUS TCP/IP, CANBUS	
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 (LiNiMnCoO ₂)	
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)	PBS-1050295-A	PBS-1050295-L
	2400 x 750 x 750 mm	2600 x 750 x 800 mm
Weight	2200 kg	2300 kg
Parallel connection	Up to 32 racks	

*PBS-1050295-A - Prime Battery System-1050V-295kWh-Air Cooled

*PBS-1050295-L - Prime Battery System-1050V-295kWh-Liquid Cooled



Typical product configuration.
Appearance and interfaces may vary.

We reserve the right to make technical changes and updates without prior notice. Specific values, performance data and other information in this data sheet, brochures and other product information, as well as illustrations and drawings in these documents, are solely illustrative and are subject to ongoing revision and modification.



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