



#### 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

300 kWh/m<sup>2</sup>



#### 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	660 V	
Operating voltage range	540 – 740 V	
Installed energy @100%DoD	185 kWh	
Nominal capacity	280 Ah	
Charging current	Up to 1C	
Discharging current	Up to 1C	
Communication		
Display	SOC indicator, Status indicator	
Communication	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 <sub>2</sub> )	
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)	<b>PBS-660185-A*</b>	<b>PBS-660185-L*</b>
	2000 x 750 x 750 mm	2200 x 750 x 800 mm
Weight	1400 kg	1500 kg
Parallel connection	Up to 32 racks	

\*PBS-660185-A - Prime Battery System-660V-185kWh-Air Cooled

\*PBS-660185-L - Prime Battery System-660V-185kWh-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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