

ASTORIOS

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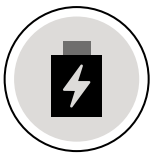


Battery Energy Storage System (BESS)

Commercial & Industrial Series
1500V Liquid-Cooled System

CAPACITY

46.6 kWh Modular Expandable to MWhs



ENHANCED ENERGY STORAGE CAPACITY

Industry-leading high energy density that ensures more power is stored in less space. Unlocks the potential of renewable energy applications with compact, powerful solution, designed for optimal performance and sustainability.



ADVANCED SYSTEM INTEGRATION

Features sophisticated integration for seamless operation and compatibility across diverse energy systems. Interconnects with existing power networks, delivering optimized performance and facilitating smoother energy transitions across various platforms.



SMART TEMPERATURE MANAGEMENT

Provides optimal performance and durability under any conditions. Smart thermal regulation technology maintains efficiency and safeguards your investments, day in and day out.



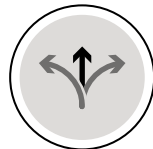
EXTERNAL SERVICING ACCESS

Provides optimal performance and durability under any conditions. Smart thermal regulation technology maintains efficiency and safeguards your investments, day in and day out.



SMART FIRE SUPPRESSION

Utilizes smart technology to promptly identify and neutralize threats of fire. This innovative solution safeguards both equipment and premises with precision and reliability.



ADAPTABLE CONFIGURATION

Allows flexibility that evolves with your needs, providing optimal efficiency and scalability to expand or modify your energy storage capacity.

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SYSTEM SPECIFICATIONS

Dimensions (L x W x H)	6058 x 2438 x 2896 mm
Operating Voltage	1123.2~1497.6 V
Nominal Capacity	3354.6 kWh
System Weight	35 t
IP Protection	IP54
Battery Type	LiFePO4
Cooling	Liquid Cooling
Application Model	Outdoor (Container)

BATTERY SPECIFICATIONS

Rated Voltage	166.4 V
Nominal Capacity	46.6 kWh
Rated Charging/Discharging Ratio	0.5C
Weight	349.5 kg
Dimensions (W x D x H)	810 x 1110 x 347.5 mm
Cycle Life	≥6000@0.5C 25°C
Operating Temperature Range	-30 °C ~ 50 °C*

*Max. charge/discharge current derating will occur related to temperature and SOC.

CONTROL BOX SPECIFICATIONS

Max. DC Voltage	1500 V
Max. Current	250 V



**COBALT
FREE**

10 YEARS
Performance Guarantee

3 YEARS
Product Warranty



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