

## Containerised DC Outdoor Storage for Utility Applications

# Axiom 5M

The Axiom 5M is a high-capacity, containerised DC energy storage solution built for utility-scale and industrial power applications. Engineered with advanced SiC technology, LiFePO<sub>4</sub> (LFP) battery modules, and intelligent control architecture, it offers maximum safety, high energy efficiency, and flexible scalability. Designed to support renewable energy integration, grid stabilisation, and peak shaving, the AXION 5000 delivers unmatched performance and reliability for large-scale energy projects.



Real-time monitoring & remote upgrade available



Module design flexible expansion



Various Mounting Methods  
Wall-mounted, floor-standing and stacked



Support Battery Charge & Discharge under low ambient temperature



High Safety LFP Cell level monitoring and balancing



Wide Compatibility Matching with leading inverters

Parameter	Specification
<b>Battery Information</b>	
Product Type	Max-20HC-5000
Product Category	20HC DC Liquid-Cooling Container Energy Storage Solution
Rated Energy	5.0 MWh @ 0.5 C
Rated Power	≤ 417 kW × 6 / 1.25 MW × 2
Rated Output Voltage	1164.8 - 1497.8 V DC
Cell Capacity	314 Ah
Cell Type	LFP (LiFePO <sub>4</sub> )
Configuration	1P 416S × 12
<b>Performance</b>	
Max Discharge Current	157 A × 12
Max Charging Current	193 A × 12 @ 5 min
Charging Temperature	-30 - +50 °C
Discharging Temperature	-35 - +60 °C
Cooling Method	Liquid Cooling
Protection Level	IP55
Functional Safety	Class B
<b>Physical Characteristics</b>	
Net Weight	< 46 t
Dimensions (W × D × H)	6058 × 2438 × 2896 mm (20 HC Container)
<b>Communication &amp; Interface</b>	
Communication Protocols	CAN, RS485, RJ45, Optical Fiber
<b>Applications</b>	
Utility-scale and Commercial & Industrial (C&I) installations	