

YOUR
SMART
ENERGY



STORION-LC-200

Liquid-Cooled Outdoor Cabinet (Battery Cabinet)

CAPACITY

Battery Module: 46.6 kWh
System: 372.7 kWh



High Energy Density

High System Integration

Intelligent Heat Management Strategy

Flexible Layout

Safer Intelligent Fire Protection System

System-wide Temperature Difference within 3°C

STORION-LC-200



Model		STORION-LC-200
System Parameters		
Dimensions (L x W x H)	1700 x 1505 x 2453 mm	
System Weight	4.5 t	
IP Protection	IP54	
Battery Voltage Range	1123.2 V ~ 1497.6 V	
Nominal Capacity	372.7 kWh	
Rated Charging and Discharging Power	186 kW (0.5C)	
Battery Type	LiFePO ₄	
Cooling	Liquid Cooling	
Application Model	Outdoor Cabinet	
Battery Technical Parameters		
Battery Model	M166280-S	
Rated Voltage	166.4 V	
Nominal Capacity	46.6 kWh	
Rated Charging and Discharging Ratio	0.5C	
IP Protection	IP67	
Weight	349.5 kg	
Dimensions (W*D*H)	810 x 1100 x 347.5 mm	
Cycle Life	≥6000@0.5C 25°C	
Operating Temperature Range	-30°C ~ 50°C*	
High-Voltage Box Technical Parameters		
Model	HV1500250	
Max. DC Voltage	1500 V	
Rated Current	250A	

*If the ambient temperature is too high or too low, the battery performance may deteriorate.



Alpha ESS Co., Ltd.

☎ +86 513 8060 6891
 ✉ info@alpha-ess.com
 🌐 www.alphaess.com
 📍 Jiuhua Road 888, Nantong High-Tech Industrial Development Zone, Nantong, Jiangsu Province, China

Alpha ESS Europe GmbH

☎ +49 610 3459 1601
 ✉ europe@alpha-ess.de
 🌐 www.alphaess.de
 📍 Paul-Ehrlich-Straße 1a, Langen, Hessen D-63225 Germany

Alpha ESS Australia Pty. Ltd.

☎ +61 02 9000 7676
 ✉ Australia@alpha-ess.com
 🌐 www.alphaess.com
 📍 8/15-21 Gibbes Street, Chatswood, NSW 2067 Australia

Alpha ESS International Pte. Ltd.

☎ +65 6513 1125 / +65 6513 1126
 ✉ Singapore@alpha-ess.com
 📍 2 Corporation Road #01-06A Corporation Place 618494 Singapore

Alpha ESS Italy S.r.l.

☎ +39 339 462 4288
 ✉ info@alpha-ess.it
 🌐 www.alphaess.com
 📍 Via Don Minzoni, 17, Calenzano Firenze 50041 Italy

Alpha ESS UK Ltd.

☎ +44 145 354 5222
 ✉ info@alpha-ess.com
 📍 Drake house, Long street, Dursley, gl11 4hh UK

Alpha ESS USA, Inc.

☎ +1 408 368 7828
 ✉ usa@alpha-ess.com
 📍 Unit 5 2180 S Ivanhoe St, Denver, CO 80222 USA

Alpha ESS Korea Co., Ltd.

✉ info@alpha-ess.com
 📍 2F, 19-4, Nohyeong 11-gil, Jeju-si, Jeju-do, Republic of Korea