

YOUR  
SMART  
ENERGY



# STORION-LC-200

液冷户外柜(电池柜)

## 容量

电池模块容量:46.6 kWh

系统容量:372.7 kWh



能量密度高

系统集成度高

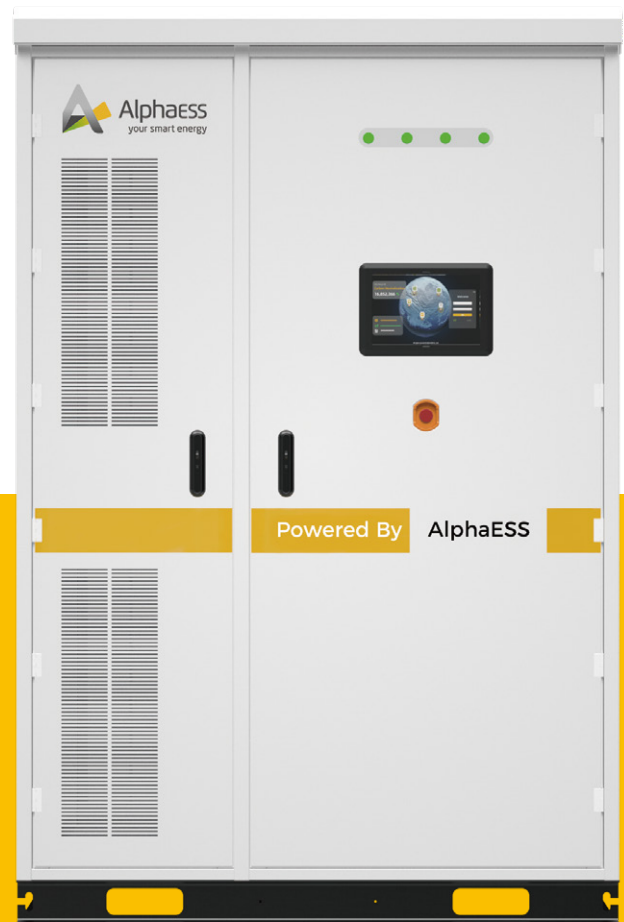
支持最大1P运行

智能热管理策略

支持拼箱并箱, 灵活布局

多重智能消防系统, 更安全

均温性好, 全系统温差3°C以内



# STORION-LC-200



型号	STORION-LC-200
<b>系统技术参数</b>	
尺寸(宽 x 深 x 高)	1700 x 1505 x 2453 mm
系统重量	4.5 t
防护等级	IP54
电压范围	1123.2 V ~ 1497.6 V
最大能量	372.7 kWh
额定充放电功率	186 kW (0.5P)
电池类型	磷酸铁锂
热管理方式	液冷
应用环境	室外 (户外柜)
<b>电池模块技术参数</b>	
电池模块型号	M166280-S
额定电压	166.4 V
额定能量	46.6 kWh
额定充放电倍率	0.5P
最大充放电倍率	1P
防护等级	IP67
重量	349.5 kg
尺寸(宽 x 深 x 高)	810 x 1100 x 347.5 mm
循环次数	≥6000次 (@25°C, 0.5P)
工作温度范围	-30°C ~ 50°C
<b>高压控制箱技术参数</b>	
最高直流电压	1500 V
额定电流	350 A

\* 环境温度太高或太低, 电池性能下降。



#### 中国总公司

☎ +86 513 8060 6891  
✉ info@alpha-ess.com  
🌐 www.alphaess.com  
📍 江苏省南通市高新区九华路888号

#### 苏州分公司

☎ +86 512 6828 7609  
✉ info@alpha-ess.com  
🌐 www.alphaess.com  
📍 江苏省苏州市吴中区太湖东路  
运河小镇总部产业园10栋A楼

#### 欧洲子公司

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

#### 澳洲子公司

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

#### 意大利子公司

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

#### 英国子公司

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

#### 新加坡子公司

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

#### 美国子公司

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

#### 韩国子公司

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

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

Support up to 1P Operation

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
<b>System Parameters</b>	
Dimensions (L*W*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	186kW (0.5P)
Battery Type	LiFePO4
Cooling	Liquid Cooling
Application Model	Outdoor Cabinet
<b>Battery Technical Parameters</b>	
Battery Model	M166280-S
Rated Voltage	166.4 V
Nominal Capacity	46.6 kWh
Rated Charging and Discharging Ratio	0.5P
Max. Charging and Discharging Ratio	1P
IP Protection	IP67
Weight	349.5 kg
Dimensions (W*D*H)	810 x 1100 x 347.5 mm
Cycle Life	≥6000@0.5P 25°C
Operating Temperature Range	-30°C ~ 60°C*

## High-Voltage Box Technical Parameters

Model	HV1500250	HV1500350
Max. DC Voltage	1500 V	1500 V
Rated Current	250A	350 A

\*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  
 Jiahua Road 888, Nantong  
 High-Tech Industrial  
 Development Zone, Nantong,  
 Jiangsu Province, China

### Alpha ESS Suzhou Co., Ltd.

+86 512 6828 7609  
 info@alpha-ess.com  
 www.alphaess.com  
 Building 10-A, Canal Town Industrial  
 Park, 99 Taihu E Rd, Wuzhong District,  
 Suzhou, 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 Gibbs Street, Chatswood,  
 NSW 2067 Australia

### 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 International Pte. Ltd.

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

### 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