

Certificate Number: SGSNA/23/SH/00209X

Contract Number: 802208

Certificate Project Number: SH-CERT230603223

Certified Product: Energy Storage System

Trademarks:

Model(s): S6-3.8K-ESS-RESU10H, S6-3.8K-ESS-RESU16H,

\$6-5K-ESS-RESU10H, \$6-5K-ESS-RESU16H, \$6-6K-ESS-RESU10H, \$6-6K-ESS-RESU16H,

\$6-7.6K-S-ESS-RESU10H, \$6-7.6K-S-ESS-RESU16H, \$6-7.6K-ESS-RESU10H, \$6-7.6K-ESS-RESU10H, \$6-8K-ESS-RESU16H, \$6-8K-ESS-RESU10H, \$6-9.9K-ESS-RESU16H, \$6-9.9K-ESS-RESU10H, \$6-10K-ESS-RESU16H, \$6-11.4K-ESS-RESU10H, \$6-11.4K-ESS-RESU16H

Technical Data: See page 2-7

Certificate Holder: Ginlong Technologies Co., Ltd.

No. 57, Jintong Road, Seafront(Binhai) Industrial Park, Xiangshan, Ningbo,

Effective date: 04 March 2024

Zhejiang, China

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at <a href="https://www.sgs.com">www.sgs.com</a> or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

ANSI/CAN/UL 9540, 2nd Ed. Rev. April 9, 2021

#### **Certification Condition**

Opening and/or knockout for conduit or armoured cable will be provided in field, then suitable conduit hubs shall be used to guarantee Type 4X or IP 55 degree and minimum 12.7mm spacing to wall shall be guaranteed.

Authorized by:

Mark Lohmann Certifier

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**Certification Body** 

Connectivity & Products, a division of SGS North America Inc. 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA t +1 770 570 1800 f +1 770 277 1240 www.sgs.com





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**Additional Information:** 

**Technical Data:** 

S6-3.8K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P3.8K-H-US

PV Input: Recommended max. PV power: 6080W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 3.8 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 3.8 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-5K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P5K-H-US

PV Input: Recommended max. PV power: 8000W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 5 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 5 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-6K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P6K-H-US

PV Input: Recommended max. PV power: 9600W; Max. input voltage: 600V; Rated voltage: 380V

AC Output (Grid): Rated output power: 6 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 6 kW; Rated output voltage(L1-L2): 220 V / 240 V

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**Additional Information:** 

**Technical Data:** 

S6-7.6K-S-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P7.6K-H-S-US

PV Input: Recommended max. PV power:12160W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 7.6 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 7.6 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-7.6K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P7.6K-H-US

PV Input: Recommended max. PV power: 12160W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 7.6 kW; Rated output voltage: 220 V / 240V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 7.6 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-8K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

PCS Part:

S6-EH1P8K-H-US

PV Input: Recommended max. PV power: 12800W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 8 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 8 kW; Rated output voltage(L1-L2): 220 V / 240 V

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Additional Information:

**Technical Data:** 

S6-9.9K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P9.9K-H-US

PV Input: Recommended max. PV power: 16000W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 9.99 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 9.99 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-10K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P10K-H-US

PV Input: Recommended max. PV power: 16000W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 10 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 10 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-11.4K-ESS-RESU10H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU10H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(9.87kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P11.4K-H-US

PV Input: Recommended max. PV power: 18240W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 11.4 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 11.4 kW; Rated output voltage(L1-L2): 220 V / 240 V

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Additional Information:

**Technical Data:** 

S6-3.8K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P3.8K-H-US

PV Input: Recommended max. PV power: 6080W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 3.8 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 3.8 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-5K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P5K-H-US

PV Input: Recommended max. PV power: 8000W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 5 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 5 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-6K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P6K-H-US

PV Input: Recommended max. PV power: 9600W; Max. input voltage: 600V; Rated voltage: 380V

AC Output (Grid): Rated output power: 6 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 6 kW; Rated output voltage(L1-L2): 220 V / 240 V

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Additional Information:

**Technical Data:** 

S6-7.6K-S-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 25A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P7.6K-H-S-US

PV Input: Recommended max. PV power:12160W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 7.6 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 7.6 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-7.6K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P7.6K-H-US

PV Input: Recommended max. PV power: 12160W; Max. input voltage: 600V; Rated voltage: 380V

AC Output (Grid): Rated output power: 7.6 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 7.6 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-8K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P8K-H-US

PV Input: Recommended max. PV power: 12800W; Max. input voltage: 600V; Rated voltage: 380V

AC Output (Grid): Rated output power: 8 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 8 kW; Rated output voltage(L1-L2): 220 V / 240 V

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Additional Information:

**Technical Data:** 

S6-9.9K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P9.9K-H-US

PV Input: Recommended max. PV power: 16000W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 9.99 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 9.99 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-10K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P10K-H-US

PV Input: Recommended max. PV power: 16000W; Max. input voltage: 600V; Rated voltage: 380V

AC Output (Grid): Rated output power: 10 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 10 kW; Rated output voltage(L1-L2): 220 V / 240 V

S6-11.4K-ESS-RESU16H

Note: The system includes one PCS and 1~4 Battery packs.

Battery Part: RESU16H Prime

Battery: Battery voltage range: 120-500V; Maximum charge/discharge current: 50A; Rated Capacity: 64.1Ah

(16.45kWh) for each pack, up to 4 battery packs in parallel

**PCS Part:** 

S6-EH1P11.4K-H-US

PV Input: Recommended max. PV power: 18240W; Max. input voltage: 600V; Rated voltage:380V

AC Output (Grid): Rated output power: 11.4 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz

AC Input (Grid): Input voltage range: 193.6-242 V / 211-264 V

AC Output (Backup and Off-grid): Rated output power: 11.4 kW; Rated output voltage(L1-L2): 220 V / 240 V

Other Ratings: Type 4X for PCS, IP55 for Battery

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