

CERTIFICATE OF COMPLIANCE

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,
S6- 5K- ESS-RESU10H, S6- 5K- ESS-RESU16H,
S6-6K- ESS-RESU10H, S6-6K- ESS-RESU16H,
S6- 7.6K-S- ESS-RESU10H, S6- 7.6K-S- ESS-RESU16H,
S6- 7.6K- ESS-RESU10H, S6- 7.6K- ESS-RESU16H,
S6- 8K- ESS-RESU10H, S6- 8K- ESS-RESU16H,
S6- 10K- ESS-RESU10H, S6- 10K- ESS-RESU16H,
S6- 11.4K- ESS-RESU10H, S6- 11.4K- ESS-RESU16H

Technical Data: See page 2-5

Certificate Holder: Ginlong Technologies Co.,Ltd.
No. 57, Jintong Road, Seafront(Binhai) Industrial Park, Xiangshan, Ningbo,
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 www.sgs.com 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:

Effective date: 14 August 2023

Mark Lohmann
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
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Additional Information:

Technical Data:

S6- 3.8K- ESS-RESU10H

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

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

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

S6- 7.6K- S-ESS-RESU10H

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

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

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S6- 8K- ESS-RESU10H

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

S6- 10K- ESS-RESU10H

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

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

S6- 3.8K- ESS-RESU16H

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

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

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S6- 6K- ESS-RESU16H

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

S6- 7.6K- S-ESS-RESU16H

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

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

PV Input: Recommended max. PV power: 12800W; Max. input voltage: 600V; Rated voltage:380V
 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
 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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S6- 10K- ESS-RESU16H

PV Input: Recommended max. PV power: 16000W; Max. input voltage: 600V; Rated voltage:380V
 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
 AC Output (Grid): Rated output power: 10 kW; Rated output voltage: 220 V / 240 V; Rated frequency: 60Hz
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 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

PV Input: Recommended max. PV power: 18240W; Max. input voltage: 600V; Rated voltage:380V
 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
 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, IP 55 for Battery

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