

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/23/SH/00142

Contract Number: 802330
Certificate Project Number: SH-CERT230301413

Certified Product: Solar Home Energy Storage System
Trademarks: **GSL ENERGY**

Model(s):
IP20 series: GSL-HESS12K28, GSL-HESS10K28, GSL-HESS9.6K28, GSL-HESS8K28, GSL-HESS7.6K28, GSL-HESS5K28
IP65 series: GSL-HESS12K28-IP65, GSL-HESS10K28-IP65, GSL-HESS9.6K28-IP65, GSL-HESS8K28-IP65, GSL-HESS7.6K28-IP65, GSL-HESS5K28-IP65
IP65 Floor series: GSL-HESS12K28F-IP65, GSL-HESS10K28F-IP65, GSL-HESS9.6K28F-IP65, GSL-HESS8K28F-IP65, GSL-HESS7.6K28F-IP65, GSL-HESS5K28F-IP65

Technical Data: See page 2-3

Certificate Holder: Shenzhen GSL Energy Co., Ltd.
A601-602, Building 1, Tianan Cyber Park, Long Gang Central City Shenzhen, Guangdong, 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

Authorized by:

Effective date: 02 December 2024

Mark Lohmann
Certifier



Certification Body

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

The IP20 series (same as IP65 and IP65 floor series) consists of a battery and a PCS, in which the battery is same, but the power of the PCS is different, mainly 5kW, 7.6kW, 8kW, 9.6kW, 10kW and 12kW.

IP20 series

PCS Part:

LXP-LB-US 12K

Battery Connection: 40V~60V, 250A

PV Connection: 120V~500V, 18000W

AC Connection: 208Vac, 120/240Vac Split phase, 60Hz, 12000W

LXP-LB-US 10K

Battery Connection: 40V~60V, 210A

PV Connection: 120V~500V, 16000W

AC Connection: 208Vac, 120/240Vac Split phase, 60Hz, 10000W

LXP-LB-US 9.6K

Battery Connection: 40V~60V, 200A

PV Connection: 120V~500V, 14000W

AC Connection: 208Vac, 120/240Vac Split phase, 60Hz, 9600W

LXP-LB-US 8K

Battery Connection: 40V~60V, 167A

PV Connection: 120V~500V, 12000W

AC Connection: 208Vac, 120/240Vac Split phase, 60Hz, 8000W

LXP-LB-US 7.6K

Battery Connection: 40V~60V, 158A

PV Connection: 120V~500V, 11000W

AC Connection: 208Vac, 120/240Vac Split phase, 60Hz, 7600W

LXP-LB-US 5K

Battery Connection: 40V~60V, 115A

PV Connection: 120V~500V, 8000W

AC Connection: 208Vac, 120/240Vac Split phase, 60Hz, 5000W

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Battery Part

GSL051280A-B-GBP2

Nominal Voltage: 51.2V

Voltage Range: 46~56V

Max. Charge/Discharge Current: 150A

Charging Temperature Range: 0°C~45°C

Discharging Temperature Range: -20°C~55°C

IP Rating of Enclosure: IP20

IP65 & IP65 floor series:

PCS Part:

Same as the PCS model used in IP20 series.

Battery Part:

GSL051280A-B-GBP2 for IP65 series

GSL051280A-B-GBP2F for IP65 floor series

IP rating of battery enclosure is IP65, other ratings are same as the battery used in IP20 series.

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