

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/SZ/00139U

Contract Number: 802330
Certificate Project Number: SZ-CERT250501759

Certified Product: Solar Lithium Battery Energy Storage System
Trademarks: GSL ENERGY
Model(s): GSL-R20K, GSL-R25K, GSL-R30K, GSL-R35K, GSL-R40K, GSL-R45K, GSL-R50K, GSL-R55K, GSL-R60K
Technical Data: See page 2

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 1973, 3.0 Edition, Dated February 25, 2022

Schedule of Limitations

The instructions for the proper installation and use including charging and discharging, storage, recycling and disposal shall be required for the end use application. These instructions shall include temperature limits, charging and discharging limits as well as instructions regarding the use of any controls or monitoring systems. In this report, the battery system is assessed as Overvoltage Category III, pollution degree 2. Maximum altitude 2000m was considered.

Authorized by:

Effective date: 13 May 2025

Jason Wei
Certifier



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



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/SZ/00139U

Contract Number: 802330

Certificate Project Number: SZ-CERT250501759

Additional Information:

Technical Data:

Rated voltage:

GSL-R20K: 204.8 V, GSL-R25K: 256 V, GSL-R30K: 307.2 V,
GSL-R35K: 358.4 V, GSL-R40K: 409.6 V, GSL-R45K: 460.8 V,
GSL-R50K: 512 V, GSL-R55K: 563.2 V, GSL-R60K: 614.4 V;

Rated capacity: 100 Ah;

Maximum charge and discharge current: 100 A;

Operating voltage range:

GSL-R20K: 184-224V, GSL-R25K: 230-280V, GSL-R30K: 276-336V,
GSL-R35K: 322-392V, GSL-R40K: 368-448V, GSL-R45K: 414-504V,
GSL-R50K: 460-560V, GSL-R55K: 506-616V, GSL-R60K: 552-672V;

Weight:

GSL-R20K: 201.4 kg, GSL-R25K: 268 kg, GSL-R30K: 309.6 kg,
GSL-R35K: 351.2 kg, GSL-R40K: 392.8 kg, GSL-R45K: 434.4 kg,
GSL-R50K: 499 kg, GSL-R55K: 540.6 kg, GSL-R60K: 582.2 kg;

Operating temperature (ambient): Charge: 0 to 55°C; Discharge: -20 to 60°C

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