



Certificate of conformity with the following European Directive

Radio equipment Directive: 2014/53/EU

Applicant: Shenzhen Longsheng Energy Technology Co., Ltd.
301, Building 1, AI Digital Valley, Taoyuan Community, Dalang Street,
Longhua District, Shenzhen, China

Manufacturer: Shenzhen Longsheng Energy Technology Co., Ltd.
301, Building 1, AI Digital Valley, Taoyuan Community, Dalang Street,
Longhua District, Shenzhen, China

Product Description: Smart Solar HUB
Model/Type Reference: LS-H1600
Certificate No.: KD2506S2799EC

Directive Article		Applied Standards	Test Report No.
3.1(a)	Safety	EN 62368-1:2014+A11:2017	KD2506S2800S
	Health	EN IEC 62311:2020 EN 50665:2017	KD2506S2799E04
3.1(b)	EMC	EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019 EN IEC 61000-6-3:2021 EN IEC 61000-6-4:2019	KD2506S2801E
		ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09)	KD2506S2799E03
3.2	Radio	ETSI EN 300 328 V2.2.2 (2019-07)	KD2506S2799E01 KD2506S2799E02

This certificate does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the above listed Directive(s). Other relevant Directives have to be observed.



Approved by: Neil Wan
Issued Date: July 23, 2025

KSIGN(Guangdong) Testing Co., Ltd.

Rev. 3.0

Add.: West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou,
Shajing, Bao'an District, Shenzhen, Guangdong, China

Tel: +(86) 0755-2985 2678 Fax: +(86) 0755-2985 2397 E-mail: info@gdksign.cn Web: www.gdksign.com



Certificate of conformity with the following European Directive

Electromagnetic Compatibility Directive: 2014/30/EU

Applicant: Shenzhen Longsheng Energy Technology Co., Ltd.
301, Building 1, AI Digital Valley, Taoyuan Community, Dalang Street,
Longhua District, Shenzhen, China

Manufacturer: Shenzhen Longsheng Energy Technology Co., Ltd.
301, Building 1, AI Digital Valley, Taoyuan Community, Dalang Street,
Longhua District, Shenzhen, China

Product Description: Smart Solar HUB

Trademark: N/A

Model/Type Reference: LS-H1600

Ratings: Recommended.PV Module: 800W*2 Max
PV[1]/[2]Input Voltage: 12V-60V
Startup MPPT Voltage: 18V
Max.PV Input Voltage: 60V
PV[1]/[2]Input Current: 25A Max Each
PV[1]/[2]Input Power: 800W Max Each
Battery Charge Input Power: 1600W Max
DC[1]/[2]Output Voltage: 18V~55V
DC[1]/[2]Output Current: 28A Max Each
DC[1]/[2]Output Power: 800W Max Each
Total Output Power: 1600W Max

Standards: EN IEC 61000-6-1:2019
EN IEC 61000-6-2:2019
EN IEC 61000-6-3:2021
EN IEC 61000-6-4:2019

Certificate No.: KD2506S2801EC

Report No.: KD2506S2801E

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The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the above listed Directive(s). Other relevant Directives have to be observed.



Shenzhen Deesev Testing International Corporation(DTI)
Floor 9, block B, feiyang science and technology park, no. 8 longchang road, xin 'an sub-district 67, bao 'an district, shenzhen city, guangdong province, China

Phone: +86-0755-32936716, E-mail: DTI@deesev.cn
www.deesev.com

Declaration of Conformity for RoHS

Date of Issue: 2025-08-06

Certificate Number:DTI2025EE030801C

Shenzhen Deesev Testing International Corporation(DTI) hereby declares that testing has been completed and reports have been generated.

Applicant: Shenzhen Longsheng Energy Technology Co., Ltd.
Applicant address: 301, Building 1, AI Digital Valley, Taoyuan Community, Dalang Street, Longhua District, Shenzhen, China
Product: Smart Solar HUB
Model No. : LS-H1600

And, in accordance with the following Directives:

2011/65/EU and its amendment directive 2015/863/EU

That this product has been assessed against the following Standards:

**IEC 62321-3-1:2013;IEC 62321-4:2013+AMD1:2017;
IEC 62321-5:2013;IEC 62321-7-1:2015;
IEC 62321-7-2:2017;IEC 62321-6:2015;
IEC 62321-8:2017**

This is to attest that, on the basis of the tests undertaken as per Report No. **DTI2025EE030801**, the submitted sample of the above item complies with this specified standard.

Attestation by: _____

Certification Manager



Date: 2025-08-06