

CERTIFICATE of Conformity



Registration No.: AK 50596858 0001

Report No.: CN2308I4 001

Holder: Guangdong Sofar Smart Solar Technology Co., Ltd.
No.1, Dongsheng North Road,
Chenjiang Street,
Zhongkai High-tech Zone,
Huizhou City
Guangdong
P.R. China

Product: Lithium-ion battery
(Energy Storage Battery)

Identification: Type Designation: BTS 5K
Serial Number : Engineering samples
Remark: Refer to test report CN2308I4 001 for details.

Tested acc. to: IEC 62619:2017
EN 62619:2017

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date 14.08.2023




A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Guangdong Sofar Smart Solar
Technology Co., Ltd.

Date : 14.08.2023
Our ref. : SH 02
Your ref.: 168424511

No.1, Dongsheng North Road,
Chenjiang Street,
Zhongkai High-tech Zone,
Huizhou City
Guangdong
P.R. China

Ref : AK Certificate of Conformity

Type of Equipment : Energy Storage Battery
Model Designation : See Certificate
Certificate No. : AK 50596858 0001
Report No. : CN2308I4 001

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



A. Chen

Enclosure

证书的详细信息请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



EU Declaration of Conformity
EU-Konformitätserklärung
Déclaration de conformité de l'UE



EN

DE

FR

The below products

Die unten aufgeführten Produkte

Les produits ci-dessous

BTS ES 5-DS5 / BTS ES 10-DS5 / BTS ES 15-DS5 / BTS ES 20-DS5/ BTS 5K-BDU(version 2)

manufactured by

hergestellt von

fabriqué par

Guangdong Sofar Smart Solar Technology Co., Ltd.

No.1, Dongsheng North Road, Chenjiang Street, Zhongkai

High-tech Zone, Huizhou City, China

are in conformity with the following
EU legislations:

mit den folgenden EU-Gesetzen:

sont conformes aux législations
européennes:

- Directive 2014/35/EU LVD
- Directive 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

- Richtlinie 2014/35/EU LVD
- Richtlinie 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

- Directive 2014/35/EU LVD
- Directive 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

and harmonized standards:

und harmonisierten Normen
konform sind:

et normes harmonisées suivantes:

Electromagnetic Compatibility	EN 61000-6-1: 2019
	EN 61000-6-3: 2021
Device safety	EN IEC 62040-1: 2019 + A11:2021
	IEC 62477-1: 2012 + A1:2016
	IEC 62619: 2017
	UN 38.3 6th Edition
RoHS	2011/65/EU & 2015/863

This declaration of conformity is
issued under the sole responsibility
of the manufacturer.

Diese Konformitätserklärung wird
unter der alleinigen Verantwortung
des Herstellers ausgestellt.

Cette déclaration de conformité est
délivrée sous la seule responsabilité
du fabricant.

Note: BTS E5-20-DS5 is the system model, consisting of 1 BTS 5K-BDU and 1 – 4 BTS 5K units.

Hinweis: BTS E5-20-DS5 ist das Systemmodell und besteht aus 1 BTS 5K-BDU und 1 – 4 BTS 5K-Einheiten.

Remarque : le BTS E5-20-DS5 est le modèle de système, composé de 1 BTS 5K-BDU et de 1 à 4 unités BTS 5K.

The Last two digits of the year in which the CE marking was affixed 22

Guangdong, 2025-10-10 Rong Xiao, Head of R&D

Rong Xiao



Deklaracja zgodności UE
Declaración de conformidad de la UE
EU-conformiteitsverklaring

SOFAR

PL

Poniższe produkty

ES

Los siguientes productos

NL

De onderstaande producten

BTS ES 5-DS5 / BTS ES 10-DS5 / BTS ES 15-DS5 / BTS ES 20-DS5/ BTS 5K-BDU(version 2)

wyprodukowano przez

fabricado por

geproduceerd door

Guangdong Sofar Smart Solar Technology Co., Ltd.
No.1, Dongsheng North Road, Chenjiang Street, Zhongkai
High-tech Zone, Huizhou City, China

są zgodne z następującymi
przepisami UE:

- Dyrektywa 2014/35/EU LVD
- Dyrektywa 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

cumplen con las siguientes
legislaciones de la UE:

- Directiva 2014/35/EU LVD
- Directiva 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

zijn in overeenstemming met de
volgende EU-wetgeving:

- Richtlijn 2014/35/EU LVD
- Richtlijn 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

i zharmonizowanych norm:

y normas armonizadas:

en geharmoniseerde normen:

Electromagnetic Compatibility

EN 61000-6-1: 2019

EN 61000-6-3: 2021

Device safety

EN IEC 62040-1: 2019 + A11: 2021

IEC 62477-1:2012 + A1:2016

IEC 62619:2017

UN 38.3 6th Edition

RoHS

2011/65/EU & 2015/863

Niniejsza deklaracja zgodności
została wydana na wyłączną
odpowiedzialność producenta.

Esta declaración de conformidad se
emite bajo la única responsabilidad
del fabricante.

Deze conformiteitsverklaring wordt
uitgegeven onder de exclusieve
verantwoordelijkheid van de
fabrikant.

Uwaga: BTS E5-20-DS5 jest modelem systemu, składającym się z 1 jednostki BTS 5K-BDU oraz 1 – 4 jednostek BTS 5K.

Nota: El BTS E5-20-DS5 es el modelo de sistema, compuesto por 1 BTS 5K-BDU y de 1 a 4 unidades BTS 5K.

Opmerking: BTS E5-20-DS5 is het systeemmodel, bestaande uit 1 BTS 5K-BDU en 1 – 4 BTS 5K-eenheden.

The Last two digits of the year in which the CE marking was affixed 22

Guangdong, 2025-10-10

Rong Xiao, Head of R&D

Rong Xiao



EU prohlášení o shode
EU-megfelelőségi nyilatkozat
Declaração de conformidade da UE



CZ

HU

PT

Níže uvedené produkty

Az alábbi termékek

Os produtos abaixo indicados

BTS ES 5-DS5 / BTS ES 10-DS5 / BTS ES 15-DS5 / BTS ES 20-DS5/ BTS 5K-BDU(version 2)

vyrobeno společností

gyártotta

fabricado por

Guangdong Sofar Smart Solar Technology Co., Ltd.
No.1, Dongsheng North Road, Chenjiang Street, Zhongkai
High-tech Zone, Huizhou City, China

jsou v souladu s následujícími
právními predpisy EU:

- Směrnice 2014/35/EU LVD
- Směrnice 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

megfelelnek a következó uniós
jogszabályoknak:

- Irányelv 2014/35/EU LVD
- Irányelv 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

estão em conformidade com as
seguintes legislações da UE:

- Directiva 2014/35/EU LVD
- Directiva 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

a harmonizované normy:

és harmonizált szabványok:

e normas harmonizadas:

Electromagnetic Compatibility

EN 61000-6-1: 2019

EN 61000-6-3: 2021

Device safety

EN IEC 62040-1: 2019 + A11: 2021

IEC 62477-1: 2012 + A1:2016

IEC 62619: 2017

UN 38.3 6th Edition

RoHS

2011/65/EU & 2015/863

Toto prohlášení o shode je vydáno
na výhradní odpovědnost výrobce.

Ezt a megfelelőségi nyilatkozatot a
gyártó kizárólagos felelőssége
mellett adjuk ki.

Esta declaração de conformidade é
emitida sob a exclusiva
responsabilidade do fabricante.

Poznámka: BTS E5-20-DS5 je systémový model, skládající se z 1 jednotky BTS 5K-BDU a 1 – 4 jednotek
BTS 5K.

Megjegyzés: A BTS E5-20-DS5 a rendszer modellje, amely 1 BTS 5K-BDU-ból és 1 – 4 BTS 5K egységből áll.

Nota: O BTS E5-20-DS5 é o modelo do sistema, composto por 1 BTS 5K-BDU e 1 a 4 unidades BTS 5K.

The Last two digits of the year in which the CE marking was affixed 22

Guangdong, 2025-10-10 Rong Xiao, Head of R&D

Rong Xiao



EU-försäkran om överensstämmelse
EU-samsvarserklæring
EU-overensstemmelseserklæring



SE

Nedanstående produkter

NO

Produktene nedenfor

DK

Nedenstående produkter

BTS ES 5-DS5 / BTS ES 10-DS5 / BTS ES 15-DS5 / BTS ES 20-DS5/ BTS 5K-BDU(version 2)

tillverkad av

laget av

fremstillet af

Guangdong Sofar Smart Solar Technology Co., Ltd.

No.1, Dongsheng North Road, Chenjiang Street, Zhongkai

High-tech Zone, Huizhou City, China

överensstämmer med följande EU-lagstiftning:

- Direktiv 2014/35/EU LVD
- Direktiv 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

er i samsvar med følgende EU-lovgivning:

- Direktiv 2014/35/EU LVD
- Direktiv 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

er i overensstemmelse med følgende EU-lovgivning:

- Direktiv 2014/35/EU LVD
- Direktiv 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

och harmoniserade standarder:

og harmoniserte standarder:

og harmoniserede standarder:

Electromagnetic Compatibility

EN 61000-6-1: 2019

EN 61000-6-3: 2021

Device safety

EN IEC 62040-1: 2019 + A11: 2021

IEC 62477-1: 2012 + A1:2016

IEC 62619: 2017

UN 38.3 6th Edition

RoHS

2011/65/EU & 2015/863

Denna försäkran om överensstämmelse utfärdas på tillverkarens eget ansvar.

Denne samsvarserklæringen er utstedt på produsentens eget ansvar.

Denne overensstemmelseserklæring er udstedt på producentens eget ansvar.

Notering: BTS E5-20-DS5 är systemmodellen, bestående av 1 BTS 5K-BDU och 1 – 4 BTS 5K-enheter.

Merk: BTS E5-20-DS5 er systemmodellen, bestående av 1 BTS 5K-BDU og 1 – 4 BTS 5K-enheter.

Bemærk: BTS E5-20-DS5 er systemmodellen, bestående af 1 BTS 5K-BDU og 1 – 4 BTS 5K-enheder.

The Last two digits of the year in which the CE marking was affixed 22

Guangdong, 2025-10-10

Rong Xiao, Head of R&D

Rock Xiao



EU izjava o sukladnosti
EU deklaracija o usklađenosti
EU izjava o skladnosti



HR

Niže navedene proizvode

SK

Nižšie uvedené produkty

SI

Nižje navedeni izdelki

BTS ES 5-DS5 / BTS ES 10-DS5 / BTS ES 15-DS5 / BTS ES 20-DS5/ BTS 5K-BDU(version 2)

proizvodi

Vyrába

Izdeluje

Guangdong Sofar Smart Solar Technology Co., Ltd.

No.1, Dongsheng North Road, Chenjiang Street, Zhongkai

High-tech Zone, Huizhou City, China

su u skladu sa slijedećim EU normama

- Směrnice 2014/35/EU LVD
- Směrnice 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

te standarde za harmonike

sú v súlade s európskymi právnymi predpismi:

- Smernica 2014/35/EU LVD
- Smernica 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

a nasledujúce harmonizované normy:

skladni z naslednimi EU smernicami

- Direktiva 2014/35/EU LVD
- Direktiva 2014/30/EU EMC
- RoHS 2011/65/EU & 2015/863

te standarde za harmonike

Electromagnetic Compatibility	EN 61000-6-1: 2019
	EN 61000-6-3: 2021
Device safety	EN IEC 62040-1: 2019 + A11:2021
	IEC 62477-1: 2012 + A1:2016
	IEC 62619: 2017
	UN 38.3 6th Edition
RoHS	2011/65/EU & 2015/863

Ova izjava o sukladnosti je izdana isključivo pod odgovornošću proizvođača

Toto vyhlásenie o zhode sa vydáva na výhradnú zodpovednosť výrobcu.

Ta izjava o skladnosti je izdana na izključno odgovornost proizvojalca.

Napomena: BTS E5-20-DS5 je model sustava, koji se sastoji od 1 BTS 5K-BDU i 1 – 4 BTS 5K jedinice.

Poznámka: BTS E5-20-DS5 je model systému, pozostávající z 1 jednotky BTS 5K-BDU a 1 – 4 jednotiek BTS 5K.

Opomba: BTS E5-20-DS5 je model sistema, ki je sestavljen iz 1 BTS 5K-BDU in 1 – 4 enot BTS 5K.

The Last two digits of the year in which the CE marking was affixed 22

Guangdong, 2025-10-10

Rong Xiao, Head of R&D

Rock Xiao

Certificate of Conformity

No.: LP22110263C01-01R1

The following products have been tested by us with the listed standards and found in compliance with the council EMC directive 2014/30/EU. It is demonstrative for the compliance with this EMC Directive.

Applicant : Guangdong Sofar Smart Solar Technology Co., Ltd.
Address : 3/F.-4/F., Building No.4, Plant of Area D, Qiaosheng Industrial Park, Lizhen Road, Panli Village, Lilin Town, Zhongkai High-tech Zone, Huizhou City, Guangdong, China
Product : Energy Storage Battery
Model No. : BTS 5K
Trade Name : --
Test Standards : EN IEC 61000-6-1:2019
EN IEC 61000-6-3:2021




Manager: Frank Shen
Date: March 10, 2023

Dongguan Lepont Testing Service Co., Ltd.

Tel.:86-769-83086888 Fax.:86-769-83096886

Room 102, Building 11, No.7, Houjie Science And Technology Avenue, Houjie, Dongguan, Guangdong, China

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab's logo.

Test Verification of Conformity

Verification Number: 230719033GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Guangdong Sofar Smart Solar Technology Co., Ltd. No.1, Dongsheng North Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou City(One license multiple addresses)
Product Description: Ratings & Principle Characteristics:	Energy Storage Battery NA
Models/Type References: Brand Name:	BTS 5K 
Relevant Standards/Directives:	This verification and corresponding evaluation report is considered to constitute technical documentation sufficient for an EC Declaration of Conformity and CE marking of the product according to Directive 2011/65/EU and (EU) 2015/863 of the European Parliament and of the Council with regard to the restriction of the use of certain hazardous substances in electrical and electronic equipment.
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China
Date of Tests:	Jul 10, 2023 to Jul 14, 2023
Test Report Number(s):	230719033GZU-001

Signature 

Name: Hay.zhao

Position: Project Engineer

Date: 21 Jul, 2023

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Energy Storage Battery

Name and address of the applicant

Guangdong Sofar Smart Solar Technology Co., Ltd.
No.1, Dongsheng North Road, Chenjiang Street, Zhongkai High-tech Zone,
Huizhou City(One license multiple addresses),
China

Name and address of the manufacturer

Guangdong Sofar Smart Solar Technology Co., Ltd.
No.1, Dongsheng North Road, Chenjiang Street, Zhongkai High-tech Zone,
Huizhou City(One license multiple addresses),
China

Name and address of the factory

Note: When more than one factory, please report on page 2

Guangdong Sofar Smart Solar Technology Co., Ltd.
No.1, Dongsheng North Road, Chenjiang Street, Zhongkai High-tech Zone,
Huizhou City(One license multiple addresses),
China

☐ Additional information on page 2

Ratings and principal characteristics

Battery: 51,2 Vdc, 100 Ah, 5120 Wh
Charge/Discharge: 350-435 Vdc, 2,5 kW
Max. Charging Current: 6 A
Max. Discharging Current: 7,5 A

Trademark / Brand (if any)



SOFAR

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

BTS 5K

Additional information (if necessary may also be reported on page 2)

This CB Test Certificate is an addition to CB NL-86907 with Test Report Number 4398329,50 dated 2023-03-14 due to updates of rating label, sample picture and addresses of applicant, manufacturer and factory.

☐ Additional information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62619:2017

As shown in the Test Report Ref. No. which forms part of this Certificate

4905190,50

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051
Arnhem, 6825 MJ
Netherlands



Date: 2023-06-19

Signature: Miranda Zhou