

Shanghai Sermatec Energy Technology  
Co., Ltd.  
Wang Wenmei

Date : 15.03.2023  
Our ref. : Zhouwils 01  
Your ref.: WANG WENMEI

No.1388, Xindian Road, Jiading  
District  
201815 Shanghai  
P.R. China

**Ref : R TÜV-Bauart-Zeichen o. Akkred. Nr.**

Type of Equipment : Rechargeable Li-ion Battery System  
Model Designation : See Certificate  
Certificate No. : R 50577332 0001  
Report No. : CN23PNE5 001

Dear Wang Wenmei,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body



Weichun Li

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50577332

**Blatt Sheet**  
0001

**Ihr Zeichen Client Reference**  
WANG WENMEI

**Unser Zeichen Our Reference**  
01-Zhouwils-CN23PNE5 001

**Ausstellungsdatum**  
15.03.2023

**Date of Issue**  
(day/mo/yr)

**Genehmigungsinhaber License Holder**

Shanghai Sermatec Energy Technology Co., Ltd.  
No.1388, Xindian Road, Jiading Distr  
201815 Shanghai  
P.R. China

**Fertigungsstätte Manufacturing Plant**

Shanghai Sermatec Energy Technology Co., Ltd.  
No.1388, Xindian Road, Jiading District  
201815 Shanghai  
P.R. China

**Prüfzeichen Test Mark**



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1111266087

**Geprüft nach Tested acc. to**

IEC 62619:2017  
IEC 63056:2020

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

Energiespeichersystem (Rechargeable Li-ion Battery System)

Product name	: SMT-HESS-HV5120-x	14
	(x=4, 5, 6, 7, 8)	
Max current of charge and discharge [A]	: 55	
Cell type	: CB56	
Rated capacity [Ah]	: 100	
Nominal voltage [Vd.c.]	: 51.2*x	
Upper limit charging voltage [Vd.c.]	: 58.4*x	
End-of-discharge voltage [Vd.c.]	: 41.6*x	
Operating temperature [°C]	: -10-55	

**Remark(s)**

The installation has to be carried out according to the attached installation instruction.  
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

14

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Weichun Li**