



Product Service

# CERTIFICATE

No. B 111171 0006 Rev. 00

**Holder of Certificate:** Tronic Ess Co., Ltd

Room 401-1, Gaorong Building, High-speed Railway New Town  
Xiangcheng District  
215133 Suzhou City, Jiangsu Province  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:**

**Batteries**  
**Rechargeable Li-ion Battery System**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092225501-00

**Valid until:** 2027-05-30

**Date,** 2022-05-31

( Zhengdong Ma )



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Model(s): TR10250, TR20450, TR30750, TR40950

## Parameters:

|                         |                  |                   |                   |                   |
|-------------------------|------------------|-------------------|-------------------|-------------------|
| Model                   | TR10250          | TR20450           | TR30750           | TR40950           |
| Energy                  | 5.12kWh          | 10.24kWh          | 15.36kWh          | 20.48kWh          |
| Nominal Capacity        | 50 Ah            | 50 Ah             | 50 Ah             | 50 Ah             |
| Max. Continuous Current | 50 Ad.c.         | 50 Ad.c.          | 50 Ad.c.          | 50 Ad.c.          |
| Nominal Voltage         | 102.4 Vd.c.      | 204.8 Vd.c.       | 307.2 Vd.c.       | 409.6 Vd.c.       |
| Voltage Range           | 83.2-116.8 Vd.c. | 166.4-223.6 Vd.c. | 249.6-350.4 Vd.c. | 332.8-467.2 Vd.c. |
| Ingress Protection      | IP65             |                   |                   |                   |
| Charge Temperature      | 0°C...+55°C      |                   |                   |                   |
| Discharge Temperature   | -20°C...+60°C    |                   |                   |                   |

Tested according to: IEC 62040-1:2017  
IEC 62040-1:2017/AMD1:2021  
EN IEC 62040-1:2019/A11:2021