



Product Service

# CERTIFICATE

No. B 109906 0017 Rev. 00

**Holder of Certificate:** **Hiconics Eco-energy Drive Technology Co., Ltd.**  
No.3 Boxing 2nd Road  
Beijing Economic and Technological Development Zone  
100176 Beijing  
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.:** 64290223010101

**Valid until:** 2027-03-17

**Date,** 2022-04-06

( Billy Qiu )

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**Model(s):** HEC-S B 5K, HEC-S B 10K,  
HEC-S B 15K, HEC-S B 20K

**Parameters:**

Model	HEC-S B 5K	HEC-S B 10K	HEC-S B 15K	HEC-S B 20K
Battery type	LFP (LiFePO4)			
Voltage range	44.8~56.5 Vd.c.			
Rated voltage	51.2Vd.c.			
Energy capacity	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Usable capacity	4.6kWh	9.2kWh	13.8kWh	18.4kWh
Maximum charge/discharge current	50Ad.c. /80Ad.c.	100Ad.c. /100Ad.c.	100Ad.c. /100Ad.c.	100Ad.c. /100Ad.c.
Maximum charge power	2.825kW	5.65kW	5.65kW	5.65kW
Maximum discharge power	4.096kW	5.12kW	5.12kW	5.12kW
Operating temperature range	0~+50°C(Charging), -10~+50°C(Discharging)			
Protective class	Class I			
Ingress protection	IP65			
Altitude	≤ 2000m			

**Tested according to:** IEC 62040-1:2017  
IEC 62619:2017  
IEC 63056:2020