



Product Service

CERTIFICATE

No. B 075386 0133 Rev. 00

Holder of Certificate: **Shenzhen Kstar New Energy Company Limited**
The 9th Floor, R&D Building
Kstar Industrial Park, Guangming Hi-tech Industrial Zone
518107 Shenzhen, Guangdong 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

Test report no.: 64290203062101

Valid until: 2025-11-24

Date, 2020-11-25

(Billy Qiu)

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Model(s): BluE-PACK5.1, BluE-PACK10.2,
BluE-PACK15.3, BluE-PACK20.4

Brand Name: KSTAR



Parameters:

Model	BluE- PACK5.1	BluE-PACK10.2	BluE- PACK15.3	BluE- PACK20.4
Battery type	LFP (LiFePO ₄)			
Voltage range	44.8~56.5 Vd.c.			
Nominal voltage	51.2 Vd.c.			
Energy capacity	5.12 kWh	10.24 kWh	15.36 kWh	20.48 kWh
Usable Energy capacity	4.6 kWh	9.2 kWh	13.8 kWh	18.4 kWh
Rated capacity	100 Ah	200 Ah	300 Ah	400 Ah
Maximum constant charge/discharge current	50 Ad.c./ 80 Ad.c.	100 Ad.c./100 Ad.c		
Maximum charge/discharge power	2.825 kW/ 4.096 kW	5.65 kW/5.12 kW		
Operating temperature range	0~+50 °C(Charging), -10~+50 °C(Discharging)			
Protective class	Class I			
Ingress protection	IP65			
Altitude	≤ 2000 m			

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

Production Facility(ies): 076189