



Product Service

CERTIFICATE

No. B 075386 0169 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.: 64290213073401

Valid until: 2027-03-17

Date, 2022-03-18

(Billy Qiu)

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Model(s):

BluE-PACK-5.1-16S-100A-F,
BluE-PACK-5.1-16S-100A-N,
BluE-PACK-10.2-16S-100A-F,
BluE-PACK-10.2-16S-100A-N,
BluE-PACK-15.3-16S-100A-F,
BluE-PACK-15.3-16S-100A-N,
BluE-PACK-20.4-16S-100A-F,
BluE-PACK-20.4-16S-100A-N,
BluE-PACK-25.5-16S-100A-F,
BluE-PACK-25.5-16S-100A-N

Parameters:

Model	BluE-PACK -5.1-16S- 100A-F	BluE-PACK - 10.2-16S- 100A-F	BluE-PACK - 15.3-16S- 100A-F	BluE-PACK - 20.4-16S- 100A-F	BluE-PACK - 25.5-16S- 100A-F
Battery type	LFP (LiFePO4)				
Voltage range	44.8~56.5 Vd.c.				
Rated voltage	51.2Vd.c.				
Energy capacity	5.12kWh	10.24 kWh	15.36 kWh	20.48 kWh	25.6 kWh
Usable capacity	4.6kWh	9.2 kWh	13.8 kWh	18.4kWh	23kWh
Maximum charge/discharge current	50Ad.c./ 80Ad.c.	100Ad.c./ 100Ad.c	100Ad.c./ 100Ad.c	100Ad.c./ 100Ad.c	100Ad.c./ 100Ad.c
Maximum charge power	2.825kW	5.65kW	5.65kW	5.65kW	5.65kW
Maximum discharge power	4.096k W	5.12kW	5.12kW	5.12kW	5.12kW
Operating temperature range	-10~+50°C(Charging), -10~+50°C(Discharging)				
Protective class	Class I				
Ingress protection	IP65				
Altitude	≤ 2000m				

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Model	BluE-PACK- 5.1-16S- 100A-N	BluE-PACK- 10.2-16S- 100A-N	BluE-PACK- 15.3-16S- 100A-N	BluE-PACK- 20.4-16S- 100A-N	BluE-PACK- 25.5-16S- 100A-N
Battery type	LFP (LiFePO4)				
Voltage range	44.8~56.5 Vd.c.				
Rated voltage	51.2Vd.c.				
Energy capacity	5.12kWh	10.24 kWh	15.36 kWh	20.48 kWh	25.6 kWh
Usable capacity	4.6kWh	9.2 kWh	13.8 kWh	18.4kWh	23kWh
Maximum charge/discharge current	50Ad.c./ /80Ad.c.	100Ad.c./ 100Ad.c	100Ad.c./ 100Ad.c	100Ad.c./ 100Ad.c	100Ad.c./ 100Ad.c
Maximum charge power	2.825kW	5.65kW	5.65kW	5.65kW	5.65kW
Maximum discharge power	4.096k W	5.12kW	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