



Product Service

Attestation of Conformity

No. N8A 075386 0318 Rev. 00

Holder of Attestation: **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

Product: **Batteries**
(Rechargeable Li-ion Battery System)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290253077801

Date, 2025-12-30

(Billy Qiu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): BP48100P1A-G2, BP48100P1A-G2-2P, BP48100P1A-G2-3P, BP48100P1A-G2-4P, BP48100P1A-G2-5P, BP48100P1A-G2-6P, BP48100P1A-G2-7P, BP48100P1A-G2-8P, BP48100PF1A-G2, BP48100PF1A-G2-2P, BP48100PF1A-G2-3P, BP48100PF1A-G2-4P, BP48100PF1A-G2-5P, BP48100PF1A-G2-6P, BP48100PF1A-G2-7P, BP48100PF1A-G2-8P

Parameters:

Model:	BP48100P1A-G2	BP48100P1A-G2-2P	BP48100P1A-G2-3P	BP48100P1A-G2-4P
Battery input/output terminal parameters				
Battery type	LiFePO4			
Rated capacity (Ah)	100	200	300	400
Rated energy capacity (kWh)	5.12	10.24	15.36	20.48
Nominal voltage (V d.c.)	51.2			
Battery voltage range (V d.c.)	44.8 ~ 57.6			
Max. charging current (A d.c.)	80	160	240	240
Max. discharging current (A d.c.)	80	160	240	240
Rated charging/discharging power (kW)	4.096	8.192	12.288	12.288
General				
Ambient charging temperature range (°C)	0 to 50			
Ambient discharging temperature range (°C)	-10 to 50			
Protective class	I			
Ingress protection	IP65			

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Battery input/output terminal parameters				
Battery type	LiFePO4			
Rated capacity (Ah)	500	600	700	800
Rated energy capacity (kWh)	25.6	30.72	35.84	40.96
Nominal voltage (V d.c.)	51.2			
Battery voltage range (V d.c.)	44.8 ~ 57.6			
Max. charging current (A d.c.)	240	240	240	240
Max. discharging current (A d.c.)	240	240	240	240
Rated charging/discharging power (kW)	12.288	12.288	12.288	12.288
General				
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Ambient discharging temperature range (°C)	-10 to 50			
Protective class	I			
Ingress protection	IP65			

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Tested according to:

EN 62477-1:2012/A12:2021
EN IEC 62040-1:2019/A11:2021

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