



Product Service

Attestation of Conformity

No. N8A 125891 0003 Rev. 01

Holder of Attestation: **Dunext Technology Suzhou Co., Ltd.**

No. 88 Nanxijiang Road
Wuzhong District
215100 Suzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage 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.: 64290233098401F

Date, 2024-08-30

(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): PowerHill-P30-215kWh,
PowerHill-P50-215kWh,
PowerHill-P60-215kWh,
PowerHill-P100-215kWh

Parameters:

Model:	PowerHill-P30-215kWh	PowerHill-P50-215kWh	PowerHill-P60-215kWh	PowerHill-P100-215kWh
Battery input/output terminal parameters:				
Battery string model:	BMS-Pack-768V280A-1P240S			
Battery type	LiFePO4			
Battery module model:	Pack-64V280A-1P20S			
Rated Energy:	215 kWh			
Rate capacity:	280 Ah			
Rated voltage	768 V d.c.			
Battery voltage range	672 V d.c.-864 V d.c.			
Maximum charging power	30 kW	50 kW	60 kW	100 kW
Maximum charging current	44 A d.c.	73 A d.c.	88 A d.c.	147 A d.c.
Rated discharging power	30 kW	50 kW	60 kW	100 kW
Maximum discharging current	44 A d.c.	73 A d.c.	88 A d.c.	147 A d.c.
AC input/output parameters:				
Rated voltage:	400 V a.c., 3P/N/PE			
Rated frequency:	50 Hz			
Maximum current:	43 A a.c.	72 A a.c.	86 A a.c.	144 A a.c.
Maximum power:	30 kW	50 kW	60 kW	100 kW
Power factor:	0.8 inductive to 0.8 capacitive			
General				
Operating temperature range	-20 °C~50 °C			
Protection class	Class I			
Ingress protection	IP55 (Battery Cabinet) IP54 (Electrical Cabinet)			

Tested according to: EN 62477-1:2012

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