



Product Service

Attestation of Conformity

No. N8A 090762 0078 Rev. 00

Holder of Attestation: **Pylon Technologies Co., Ltd.**

No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park
201203 Pudong, Shanghai
PEOPLE'S REPUBLIC OF CHINA

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

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.: 64290233101901

Date, 2023-11-24

(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.



TUV®



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Model(s): Force-H3-102.4/102.4, Force-H3-102.4/204.8, Force-H3-102.4/307.2, Force-H3-102.4/409.6, Force-H3-102.4/512, Force-H3-102.4/614.4, Force-H3-102.4/716.8, Force-H3-102.4/819.2

Parameters:

Model:	Force-H3-102.4/102.4	Force-H3-102.4/204.8	Force-H3-102.4/307.2	Force-H3-102.4/409.6	Force-H3-102.4/512	Force-H3-102.4/614.4	Force-H3-102.4/716.8	Force-H3-102.4/819.2
Battery input/output terminal parameters								
Battery type	Li-ion(LFP)							
Rated capacity [Ah]	50 Ah							
Rated energy capacity [kWh]	5.12	10.24	15.36	20.48	25.60	30.72	35.84	40.96
Rated voltage [Vd.c.]	102.4	204.8	307.2	409.6	512.0	614.4	716.8	819.2
Battery voltage range [Vd.c.]	92.8~116.8 Vd.c.	185.6~233.6 Vd.c.	278.4~350.4 Vd.c.	371.2~467.2 Vd.c.	464.0~584.0 Vd.c.	556.8~700.8 Vd.c.	649.6~817.6 Vd.c.	742.4~934.4 Vd.c.
Nominal current [Ad.c.]	10 Ad.c.							
Maximum charging/discharging current [Ad.c.]	50 Ad.c.							
Maximum charging/discharging power [kW]	5.84	11.68	17.52	23.36	25.60	35.04	40.88	46.72
General								
Ambient charging/discharging temperature range(°C)	-10 °C to 55 °C							
Protection class	I							
Ingress protection	IP55							
Operating altitude range [m]	4000							

Tested according to:

EN IEC 62040-1:2019/A11:2021

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