



Product Service

CERTIFICATE

No. B 090762 0077 Rev. 00

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

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

Certification Mark:



Product:

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

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.: 64290233101901

Valid until: 2028-11-23

Date, 2023-11-24

(Billy Qiu)

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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:

IEC 62040-1:2017
IEC 62040-1:2017/AMD1:2021
EN IEC 62040-1:2019/A11:2021