



Product Service

# CERTIFICATE

No. B 111154 0008 Rev. 01

**Holder of Certificate:** **DAQIN NEW ENERGY TECH  
(TAIZHOU) CO., LTD.**  
199 Keji Road, Sanshui Street  
Jiangyan District  
225500 Taizhou City, Jiangsu Province  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** **Batteries  
(Rechargeable Lithium 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290203093802

**Valid until:** 2027-01-06

**Date,** 2022-01-07

( Billy Qiu )

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No. B 111154 0008 Rev. 01

Model(s): **B3, 2 x B3, 3 x B3, 4 x B3, 5 x B3, 6 x B3**

## Parameters:

Battery input/output terminal parameters:	
Battery type	Li-ion (LFP)
Rated capacity [Ah]	75
Rated energy capacity [kWh]	3.6
Rated voltage [Vd.c.]	48
Battery voltage range [Vd.c.]	42~54
Nominal current [Ad.c.]	37.5
Maximum charging power [kW]	3.6
Maximum charging current [Ad.c.]	75
Maximum discharging power [kW]	3.6
Maximum discharging current [Ad.c.]	75
General	
Ambient operating temperature range (°C)	-10~55 for discharge, 0~55 for charge
Protection class	Class I
Ingress protection	IP20
Operating altitude range [m]	≤2000
Over voltage grade:	OVC II

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No. B 111154 0008 Rev. 01

Model:	2 x B3	3 x B3	4 x B3	5 x B3	6 x B3
Battery input/output terminal parameters:					
Battery type	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)
Rated capacity [Ah]	150	225	300	375	450
Rated energy capacity [kWh]	7.2	10.8	14.4	18.0	21.6
Rated voltage [Vd.c.]	48	48	48	48	48
Battery voltage range [Vd.c.]	42~54	42~54	42~54	42~54	42~54
Nominal current [Ad.c.]	75	112.5	150	187.5	225
Maximum charging power [kW]	7.2	10.8	10.8	10.8	10.8
Maximum charging current [Ad.c.]	150	225	225	225	225
Maximum discharging power [kW]	7.2	10.8	10.8	10.8	10.8
Maximum discharging current [Ad.c.]	150	225	225	225	225
General					
Ambient operating temperature range (°C)	-10~55 for discharge, 0~55 for charge	-10~55 for discharge, 0~55 for charge	-10~55 for discharge, 0~55 for charge	-10~55 for discharge, 0~55 for charge	-10~55 for discharge, 0~55 for charge
Protection class	Class I	Class I	Class I	Class I	Class I
Ingress protection	IP 20	IP 20	IP 20	IP 20	IP 20
Operating altitude range [m]	≤2000	≤2000	≤2000	≤2000	≤2000
Over voltage grade	OVC II	OVC II	OVC II	OVC II	OVC II

**Tested according to:** AS 62040.1:2019