



**Compatible With
MEAN WELL Smart Chargers**



NPB-120
NPB-240
NPB-360



NPB-450
NPB-450-xxNFC



NPB-750



NPB-1200



NPB-1700



HEP-1000



HEP-2300
HEP-2300-HV



NTN-5K

NPB Series
Introduction



Specifications



*Your reliable partner for
lithium batteries and chargers*

MEAN WELL EUROPE N.V.

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***Elevate Your Power
Explore Our Lithium Battery &
Charger Offerings***

Innovative Solutions for Sustainable Power

Charged by

FMB Series

Flat Type & Modular
Lithium Battery Pack



 Scalable up to
16pcs in parallel

 Engineered for
hot swapping

 Custom design options e.g.:
connectors, software, decals

 Dutch
Engineering

MWEU PN	Product Description	Voltage Nominal	Max Charge Current	Discharge Current Continuous/pk	Battery Weight	Dimensions (L x W x H)	Chemical Composition
FMB-24N70.2	BAT NMC24V70.2Ah, SB50.BLK-flat	25,2V	15A	50A/100A-3sec	10,2 kg	265 x 74 x 410 mm	Li-ion NMC
FMB-24N70.2C**	BAT NMC24V70.2Ah, SB50.BLK-flat + M12F	25,2V	35A*	50A/100A-3sec			
FMB-48N33.8	BAT NMC48V33.8Ah, SB50.BLK-flat	50,4V	10A	40A/80A-3sec			
FMB-48N33.8C**	BAT NMC48V33.8Ah, SB50.BLK-flat + M12F	50,4V	15A*	40A/80A-3sec			
FMB-48N43.5	BAT NMC48V43.5Ah, SB50.BLK-flat	50,4V	10A	40A/80A-3sec			
FMB-48N43.5C**	BAT NMC48V43.5Ah, SB50.BLK-flat + M12F	50,4V	30A*	40A/80A-3sec			

*Specified max charge current can be higher with CAN controlled charge algorithms. CANBus charger is necessary.

**Optional model: 0001: AS150U F; 0008: Weipu 7P F, Example: "FMB-48N43.5C-0001"

Note:

- Please refer to the datasheet for details on the optional feature of adding a heater.
- Please contact the specialists of MEAN WELL EUROPE if you need special connectors

Benefits

- Good Quality Charger & Battery
- Data Visibility – APP – Integrated with MEAN WELL smart charger & Battery
- Made in Europe
- Custom design options e.g. connectors, software, decals
- BMS with auto on/off hibernate function, no quiescent current draw
- Automatic Master/Slave CAN protocol with virtual master, customizable
- Battery parameter logger
- Battery performance and lifetime optimizer based on all battery values for charging/discharging
- In house software design, Charge/discharge algorithms, Enhancing battery life
- In-house developed BMS platform (3-120VDC)

QHB Series

Cube Type & Harsh Environment
Lithium Battery Pack



 Durable
Design

 IoT
Connected App

 Mount in
Any Position

 Dutch
Engineering

MWEU PN	Product Description	Voltage Nominal	Max Charge Current*	Discharge Current Continuous/pk	Battery Weight	Dimensions (L x W x H)	Chemical Composition
QHB-12F70.0	BAT LFP12V70Ah, M5 + XLR-3P	12,8V	12A	50A/100A-3sec	9,8 kg	197 x 167 x 296,5 mm	LiFePO4
QHB-12F70.0C***	BAT LFP12V70Ah, M5 + XLR-3P + M12-F	12,8V	30A**	50A/100A-3sec			
QHB-24N62.4	BAT NMC24V62.4Ah, M5 + XLR-3P	25,6V	12A	50A/100A-3sec	10,8 kg	197 x 167 x 296,5 mm	Li-ion NMC
QHB-24N62.4C***	BAT NMC24V62.4Ah, M5 + XLR-3P + M12-F	25,6V	30A**	50A/100A-3sec			
QHB-48N33.8	BAT NMC48V33.8Ah, M5 + XLR-3P	46,8V	10A	50A/100A-3sec			
QHB-48N33.8C***	BAT NMC48V33.8Ah, M5 + XLR-3P + M12-F	46,8V	15A**	50A/100A-3sec			

*Via battery terminals

**Specified max charge current can be higher with CAN controlled charge algorithms. CANBus charger is necessary.

***Optional model: 0001: AS150U F, Example: "QHB-48N33.8C-0001"

Note:

- Please refer to the datasheet for information regarding the standard feature of the added heater.
- Please contact the specialists of MEAN WELL EUROPE if you need special connectors



Charged By MEAN WELL
MW Battery Intelligence

Charged By MEAN WELL provides real-time insights for your battery devices, perfect for fleet owners. Compatible with BLE (Bluetooth 4.2), it allows you to monitor the State of Charge (SOC) of all connected batteries simultaneously on one screen. Easily identify specific batteries as their LED indicators flash upon connection. Optimize your battery management with Charged By MEAN WELL.

