



# Battery modules

*NBBHQ33G1\*\*\* / NBBHL33G1\*\*\*  
NBBH0336G01\*\*\**

## 1 Brief description

The battery module consists of a battery holder with 2 VRLA batteries with a connection option to a DC UPS and an optional fuse.

The outstanding features of the batteries and the battery module include:

- Batteries with UL or VdS approval
- Impact-resistant and non-breakable plastic enclosure
- Various installation options
- Electrolyte integrated in glass fibre membrane / gel
- Valve-regulated, maintenance-free design
- No need to refill electrolyte
- Long service life with minimal self-discharge
- Wide operating temperature range with temperature-dependent voltage compensation
- Not classified as hazardous goods in accordance with IATA, ADR, IMDG and UN 2800

## 2 Standards and regulations

Overall device	2023/1542/EU (Battery Regulation) 2014/35/EU (Low-voltage Directive) 2011/65/EU with 2015/863/EU (RoHS) 1907/2006/EC (REACH) EN IEC 62485-2
EMC	2014/30/EU (EMC Directive)



### 3 Technical data

Battery module	Rated voltage	Capacity (20 h / 20 °C / C/20 discharge)	Dimensions (H x W x D)	Weight	Operating temperature / storage temperature
NBBH 1202	12 V DC	2.4 Ah	120 x 69 x 110 mm	1.6 kg	-20 °C*...+50 °C
NBBH 1204		4.6 Ah	100 x 184 x 75 mm	2.8 kg	
NBBH 1214		14 Ah	111 x 176 x 160 mm	5.2 kg	
NBBH 1224		24 Ah	133 x 240.5 x 160 mm	8.6 kg	
NBBH 2401	24 V DC	1.2 Ah	120 x 69 x 110 mm	1.6 kg	
NBBH 2402		2.3 Ah	100 x 184 x 75 mm	2.8 kg	
NBBH 2407		7 Ah	111 x 176 x 160 mm	5.2 kg	
NBBH 2412		12 Ah	133 x 240.5 x 160 mm	8.6 kg	
NBBH 2417		17 Ah	169 x 230 x 186 mm	11.8 kg	
NBBH 2424		24 Ah	165 x 397 x 202 mm	16.7 kg	
NBBH 2440		40 Ah	195.5 x 397 x 202 mm	30.0 kg	
NBBH 2465		65 Ah	459 x 397 x 202 mm	45.0 kg	
NBBH 24100		100 Ah	530 x 397 x 202 mm	66.0 kg	
NBBH 24120		120 Ah	530 x 397 x 202 mm	67.0 kg	

\*Charging only down to -10 °C