

■ Main Features:

- User Settable Output Voltage 12 – 24Vdc / 2.4 – 1.2Ah
- Sealed Lead Acid Battery
- Integrated Self Resettable Overcurrent Protection

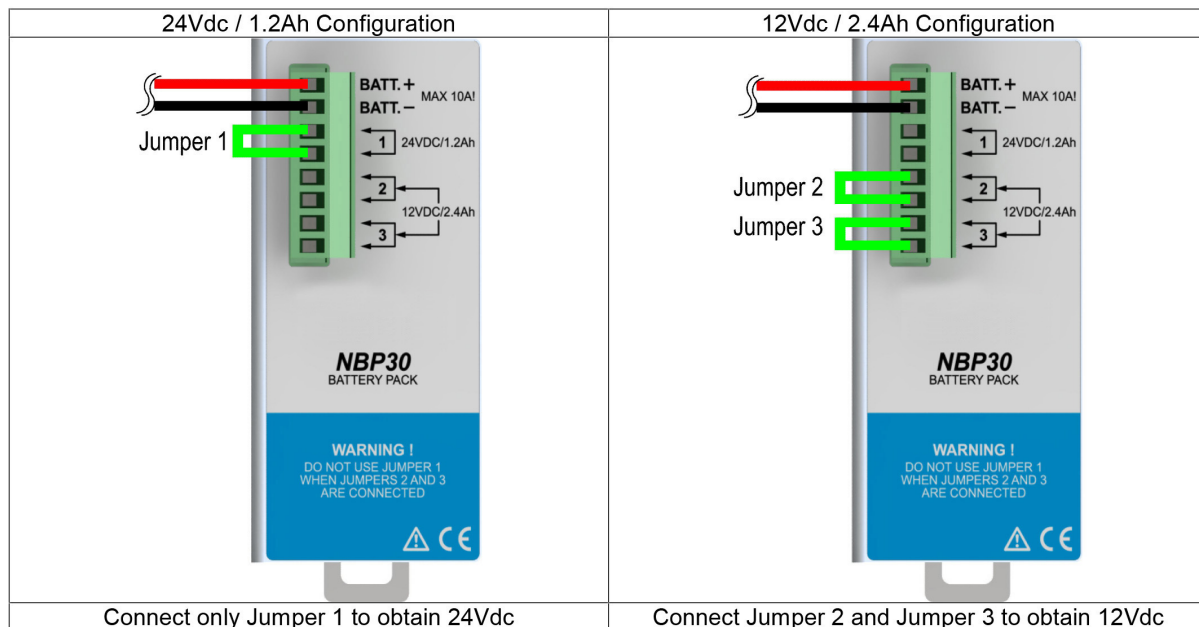


TECHNICAL DATA

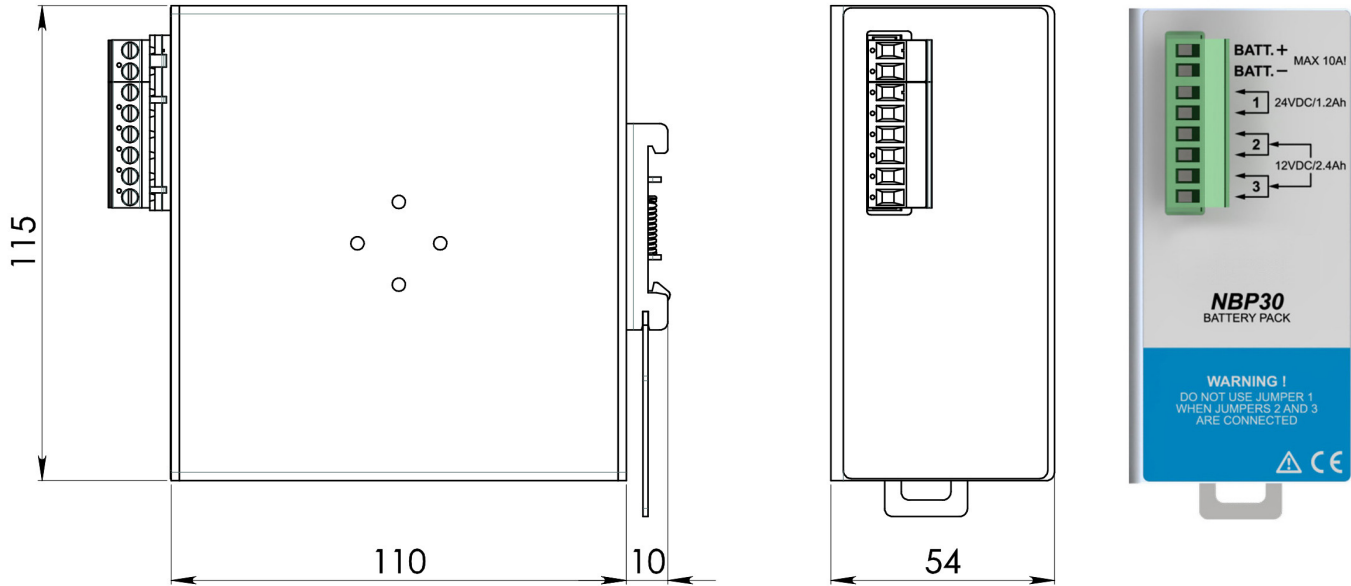
Model type	NBP30-2B	
BATTERY PACK INFO		
Voltage capacity	2 x Lead acid sealed batteries 12Vdc / 1.2Ah	
Batteries	YUASA NP1.2-12	
Internal protection fuse	30V/9A self resettable	
Max Charging Current	12Vdc Configuration : 0.6A 24Vdc Configuration : 0.3A	
Max Discharge Current	12Vdc Configuration : 5.0A 24Vdc Configuration : 3.0A	
CONFIGURATION		
Voltage / Capacity	12Vdc / 2.4Ah	
Obtainable by external jumper	24Vdc / 1.2Ah	
GENERAL DATA		
Operating temperature	- 20°C...+50°C	
Protection degree	EN60529:1989 /A:2013	IP20
Battery Connectors	2.5mm ² , Pluggable screw type (24...12 AWG) 2 pins pluggable, 5.08mm pitch	
Selection Mode Connectors	2.5mm ² , Pluggable screw type (24...12 AWG) 6 pins pluggable, 5.08mm pitch	
Case material	Aluminum	
Approx. weight	2.36Kg(5.2 lbs.)	
Size (HxWxD)	110 x 54 x 115 mm (4.528 x 2.126 x 4.331")	
Mounting Rail	IEC 60715/H15/TH35-7.5(-15)	

Notes:

- For more details, performance and description regarding all parameters not indicated in the above table, please refer to user manual, downloadable from our website www.nextys.com.
- Technical parameters are typical, measured in laboratory environment at 25°C.
- Data may change without prior notice in order to improve the product.

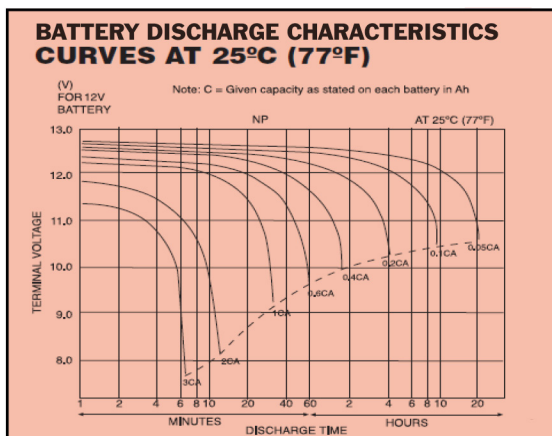


Dimensions



Input / Output Connection:

- BATT. (+/-) = IN/OUT connector to (+/-) Battery
- 1 = Jumper connector to obtain 24Vdc/1.2Ah
- 2 + 3 = Jumper connectors to obtain 12Vdc/2.4Ah



Assembly STEPS	
<p>The diagram shows two black battery units, BATT.1 and BATT.2, positioned side-by-side. A green PCB labeled 'NBP30 PCB' is connected to four wires: WR1 (red), WR2 (black), WR3 (black), and WR4 (red). The wires are routed to connect to the terminals of both batteries. WR1 and WR2 connect to BATT.1, while WR3 and WR4 connect to BATT.2. The wires are bent at specific angles as shown.</p>	<p>USE only Lead-acid Batteries 12Vdc 1.2Ah. Dimension 48.5x54.5x97.5mm. Faston type 4.8mm</p> <p>WR1: Red stranded wire 1.5mm², length 140mm. WR2: Black stranded wire 1.5mm², length 140mm. WR3: Black stranded wire 1.5mm², length 120mm. WR4: Red stranded wire 1.5mm², length 120mm.</p> <p>Attention!</p> <p>WR1 and WR2 must be connected at the Battery 1. WR3 and WR4 must be connected at the Battery 2. The colored wires must respect the Battery polarity. The colored wires should respect the bending as indicated in the diagram on side.</p>
<p>The diagram shows the battery module (BATT.1 and BATT.2) being inserted into the enclosure. The wires are shown extending upwards from the top of the module.</p>	<p>The diagram shows the battery module fully seated in the enclosure. The wires are now connected to the top of the enclosure. The module is labeled BATT.2 and BATT.1.</p>
<p>Attention! Do not stress mechanically the cables!</p>	
<p>The diagram shows the final assembly. The NBP30 PCB is connected to the battery module. The PCB is shown with its pins inserted into the module's connector. The battery module is shown with its top cover removed, revealing the internal components.</p>	
<p>After connecting the wires on the batteries and after having placed the batteries in the enclosure, the NBP30 should appear as on the picture above.</p>	