


## Overview

NSB6202 is the successor device of 24V power supplies NSB24 and NSB6012-24 (for the 12V model see NSB6201).

NSB6202 combines the 230 Vac mains adapter and the 24 Vdc charging unit. It is charged with 230 Vac and supplied from a battery in case of mains power failure (battery is not included with the charging unit). Through exclusive use of SMD components NSB6202 is lightweight and compact.

NSB6202 supports deep discharge protection, special function "battery test" und provides an emergency light function.

## Technical data

 <p>NSB6202 REKOBA GmbH</p> <p>24V(20-28V) / 0,7A</p> <p>+B-   F N Bt G</p> <p>NSB6202</p>	X1: Input voltage (N/L/PE)	230 Vac
	LEDs	
	- P (green)	Mains power ready, charging
	- B (red)	Performing battery test
	- N (yellow)	Mains power failure
	X2: Battery +/-	24 Vdc
	X3: Permanent output (F) <sup>1</sup>	24 Vdc / 0.7 A
	Mains power OK	24 Vdc / 0.7 A
	Mains power failure	24 Vdc / 0.7 A
	X3: Emergency output (N) <sup>2</sup>	24 Vdc / 0.7 A
Mains power failure	24 Vdc / 0.7 A	
X3: Battery test (Bt)	Battery test input	
X3: Ground (G)	0V	
Additional features	- Supports battery test with TransAlarm - Battery deep discharge protection	
Dimensions (WxHxD)	34x88x56 mm	

## TransAlarm battery test

REKOBA emergency call devices TAS initiate battery tests depending on a configurable interval. TAS connects input terminal Bt to G (ground) in order to initiate a battery test. NSB then simulates a mains power failure and supplies output terminal F from the battery for one minute. TAS serves as the load while testing, it detects a defective battery in case it measures a supply voltage drop below 20 Vdc while testing.

1 Output F is supplied permanently (supplied from battery in case of mains power failure)

2 Output N is only supplied during mains power failure until the battery is discharged