


## Overview

NSB6201 is the successor device of 12V power supplies NSB12 and NSB6012-12 (for the 24V model see NSB6202).

NSB6201 combines the 230 Vac mains adapter and the 12 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 NSB6201 is lightweight and compact.

It supports deep discharge protection, special function "battery test" and provides an emergency light function.

## Technical data

 <p>NSB6201</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 +/-	12 Vdc
	X3: Permanent output (F) <sup>1</sup>	12 Vdc / 1A (+0.4A reserve)
	Mains power OK	12 Vdc / 1A
	Mains power failure	
X3: Emergency output (N) <sup>2</sup>	12 Vdc / 1A	
Mains power failure		
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 10 Vdc while testing.

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

<sup>2</sup> Output N is only supplied during mains power failure until the battery is discharged