

# NXG-320-CPU

## xGen smart power supply, CPU only

### Extended capabilities

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The NXG-320-CPU is the remote smart power supply for the xGen and xGenConnect control panel range. In sites where additional power is required or where the security system covers multiple buildings or multiple floors within the same building, the xGen NXG-320-CPU offers the perfect solution as it can be used as a power supply unit and/or as an RS-485 bus extension/isolator.

### General

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The NXG-320-CPU has two auxiliary power outputs (2x 500mA max) and an RS-485 bus power output (max 500mA). The NXG-320-CPU also offers two programmable zone inputs and two programmable SPDT relay outputs. The module has a tamper connector that can be used to supervise the enclosure in which it is mounted. Both the mains power supply and an optional battery can be monitored.

### Easy installation and maintenance

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The NXG-320-CPU removable terminal blocks allow easy wiring and maintenance. Enrolling and programming the module is done from the control panel. The firmware of the module is upgradeable remotely via DLX900 or locally using the USB flash device.



### Details

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- Monitored bus power output
- xGen RS-485 isolator
- 2 monitored auxiliary power outputs
- 2 programmable SPDT relay outputs
- Supervised battery connection
- Separate box tamper input
- DIN-rail mountable
- Removable terminals
- Several status LEDs on-board
- Firmware upgrade via USBUP-EUR or DLX900 over the network
- EN50131-1/EN50131-3/EN50131-6 Grade 2 Class II
- INCERT T031

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### Technical specifications

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#### System

Product line	xGen
Kit	No

#### Inputs

Onboard inputs	2
Double end-of-line	3.3K - 6.6K; 4.7K - 9.4K; 4.1K - 8.2K
Triple end-of-line	3.3K - 6.6K; 4.7K - 9.4K - 19.4K; 4.1 - 8.2K - 16.4K
Tamper input	Yes

#### Outputs

No. of outputs	2 SPDT relays
Rated load	0.5A / 125VAC or 1A / 24VDC
Minimum load	1mA / 5VDC
Maximum load	1 A / 125VAC or 60VDC

#### Communication

Databus type	RS485
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#### Electrical

Operating voltage	16.3Vac/50 Hz, 40VA
Power supply value	230 Vac, +/-10%, 50Hz
Current consumption	52mA (nominal) 90mA (maximum)
Auxiliary power	800 mA max 500 mA per output
Battery (optional)	12Vdc 7Ah, 18Ah
Max allowed auxiliary current	7Ah battery : 480 mA 18Ah battery : 1200 mA

#### Physical

Physical dimensions	55 x 135 x 80 mm
Shipping weight	0,250 kg
Housing	No housing

#### Environmental

Operating temperature	0 to +49°C
Storage temperature	-34° to 60°C
Relative humidity	85% relative humidity non-condensing

#### Regulatory

EN50131 Grade	Grade 2
Compliancy	CE
Certification	EN50131 Grade 2, INCERT



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