



ISOPOWER

POWER-SUPPLY STATIONS

The Isopower power-supply stations provide a stabilized voltage of 13.8V and a maximum current of 2A or 5A, depending on the model.

The Isopower power-supply station connects to the Inim Electronics anti-intrusion control panel via the I-BUS. The control panel is thus capable of fully controlling it and of receiving from it all the necessary signals (faults, tamper events, etc.).

The Isopower is equipped with a BUS isolator which keeps the input side of the BUS galvanically separated from the output side. The on-board power supply is capable of powering and managing all the peripherals positioned downstream of the station.

The Isopower device is therefore to be considered for the purposes of the BUS as an isolator, and as such must be included in the total number of isolators that can be connected in cascade.

The battery housed in the station box is controlled by the furnished power supply, that is capable of transferring all the fault and status information which the power station then communicates directly to the control panel.



MAIN FEATURES

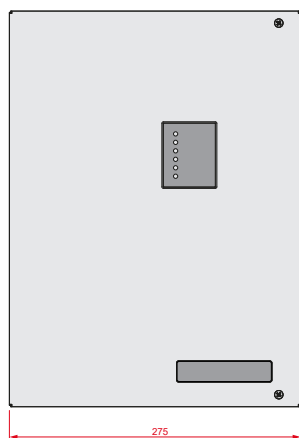
- Power-supply stations with stabilized voltage supplied at 13.8V
- Two models, one with a maximum current of 2A and one of 5A
- Overload protection
- 112V, 7Ah or 18Ah supervised backup battery
- Control from Inim Electronics anti-intrusion control panel
- Connection via I-BUS
- I-BUS-isolator function
- 4 power outputs with EN 50131-6 certification, security grade 3
- 3 open-collector signalling outputs
- Addressable both manually and via serial code

Technical specifications

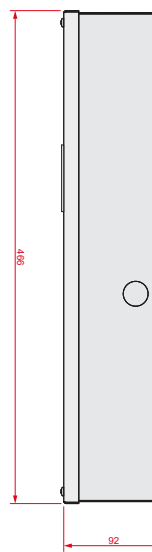
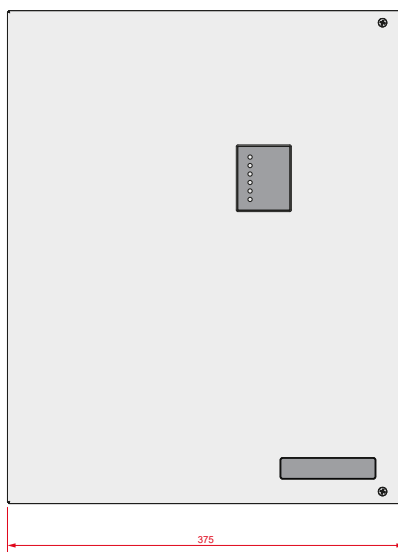
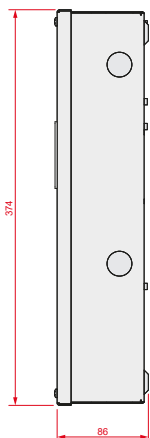
Model	Isopower/B2		Isopower/B5
Power supply voltage	230V~ (-15% + 10%) 50/60Hz		
Output voltage	13.8 V 		
Output current	3.2A		6.2A
Maximum current draw	0.5A		1.1A
Maximum deliverable current for external loads			
security grade 2 system (12 hour autonomy)	500mA		1.4A
security grade 3 system (30 hour autonomy)	130mA		500mA
from AUX1, AUX2 and +12V terminals	1 A		
from positive of side "B" of the BUS	4A		
Overvoltage protection intervention	15.2V		
Maximum deliverable current from MAINS, FAULT and OVER CURR terminals	300mA		
Battery			
Type	2 x 12 V/7 Ah YUASA NP-12 FR or similar with case flame class UL94-V2 or higher		
Rated voltage	12V		
Maximum capacity	7Ah		18Ah
Dimensions (W x H x D)	27.5 x 37.4 x 8.6 cm		37.5 x 46.6 x 9.2 cm
Weight	3,2Kg		5Kg
Enclosure protection class (EN 60529)	IP30		
Safety grade (EN 50131-6)	3		
Environmental class	II		



Dimensions

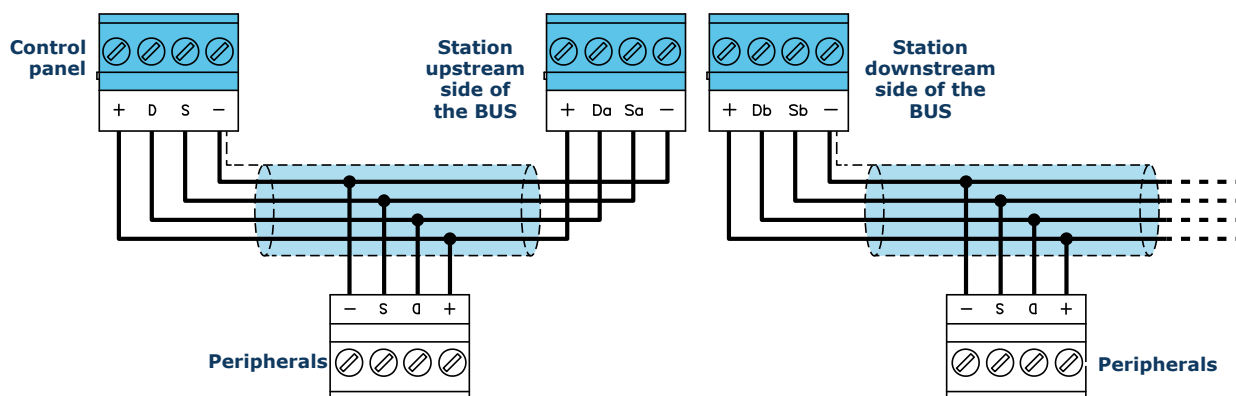


Isopower/B2



Isopower/B5

CONNECTIONS



BUS speed	Maximum cable length downstream of Isopower	Maximum number of cascaded isolators
38.4kbps	500m	9
125kbps	350m	6
250kbps	200m	2

ORDER CODES

ISOPOWER/B2 Power-supply station 2A, 13.8V

ISOPOWER/B5 Power-supply station 5A, 13.8V



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Inim distributor's stamp and signature