

# POWER CONTROL STATION X-SERIES INDOOR

Item No.: 592.726



Actual product may vary

## DESCRIPTION OF FUNCTIONS

The measuring equipment control cabinet for grid integration of your PV power plant, for indoor use.

- Interface between the grid operator and your system
- blue'Logs, MX-Modules, a power analyzer and further components can be built in depending on the grid operator's requirements
- The pre-wired components allow quick installation and commissioning

## TECHNICAL DATA

Supply voltage:	100 V AC to 240 V AC / 16 A
Current consumption without ext. devices:	Max. 0.88 A
Protection class:	IP 65
UV resistant:	Yes
Operating temperature:	0 °C to 30 °C
Storage temperature:	-15 °C to 40 °C
Dimensions (H x W x D):	750 x 750 x 320 mm
Weight:	47.5 kg
Installation:	Wall installation

## INTERNAL POWER SUPPLY

Components:	Power supply unit 24 V DC $\pm 1$ %, 20 A
AC input voltage range:	85 V AC to 264 V AC
Input voltage (transient):	300 V AC
Efficiency:	>92 % (at 230 V AC and nominal values)

Components:	UPS unit 24 V DC, 5 A
AC input voltage range:	18 V AC to 30 V AC
Capacity:	7.2 Ah
Efficiency:	>98.7 %

## CABLE SCREW CONNECTIONS

2 x M25 (for Ethernet insertion)  
 2 x M32 (13 mm to 21 mm)  
 2 x M25 (11 mm to 17 mm)  
 2 x M20 (6 mm to 13 mm)  
 3 x M16 (3 mm to 9 mm)

## COMMUNICATION

Type:	RS485 Modbus / 2 wires Ethernet
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## EQUIPMENT

Power supply unit 24 V DC, 20 A

UPS unit 24 V DC, 5 A

Rechargeable battery module 7.2 Ah

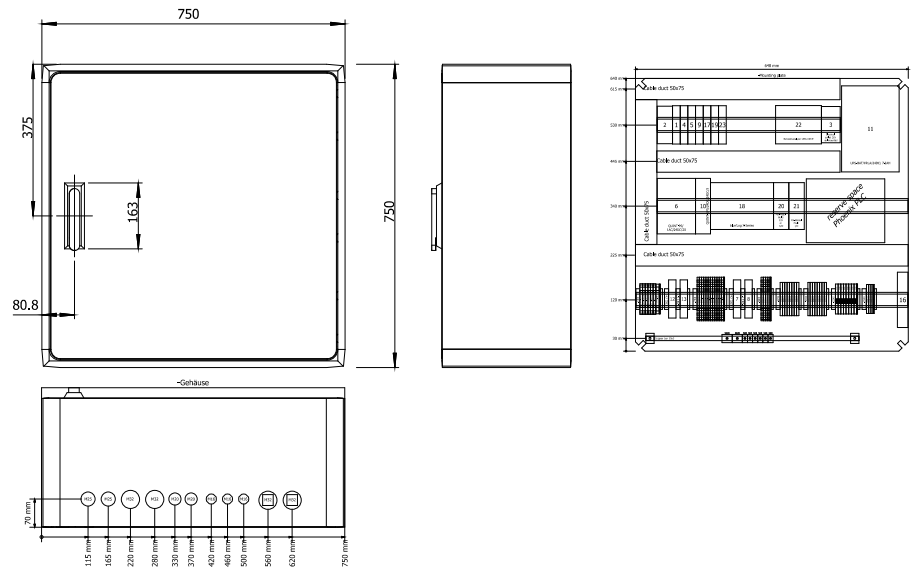
5 port switch

Pre-wired for:

- 1 blue'Log basic module (XC)
- 2 MX-Module Multi I/O
- 1 power analyzer UMG 604-E PRO (24 V DC)

If required, additional components can be implemented as a variant or special model.

## SCHEMATIC DIAGRAMS



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