

# POWER CONTROL STATION X-SERIES INDOOR

Item No.: 592.726



Actual product may vary

## DESCRIPTION OF FUNCTIONS

The measuring equipment control cabinet for implementing the grid feed-in management system in your PV power plant, for indoor use.

- Interface between the grid operator and your system
- blue'Logs, MX-Modules, a power quality analyser 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 bis 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 40 °C
Dimensions (H x W x D):	750 x 750 x 320 mm
Weight:	46.0 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)

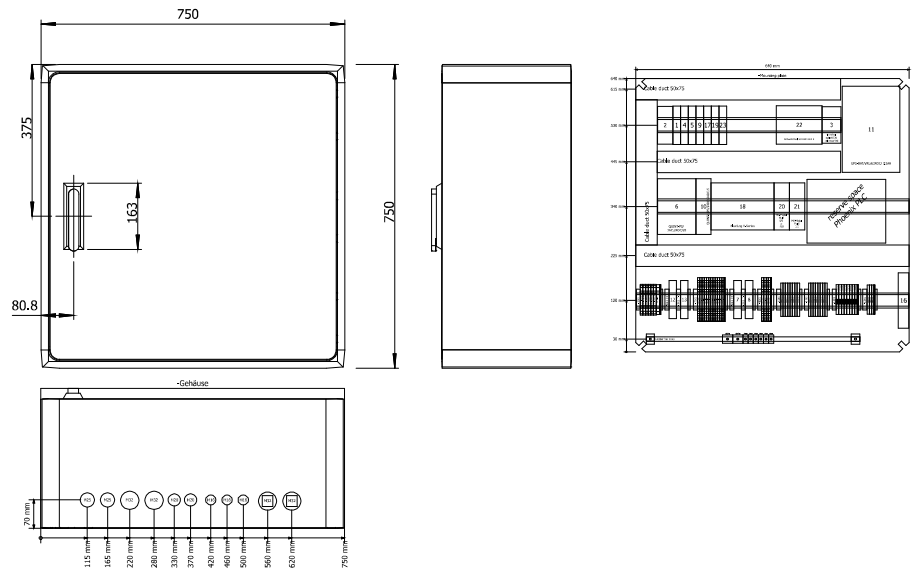
## COMMUNICATION

Type:	RS485 Modbus / 2 wires Ethernet
-------	------------------------------------

## 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 (X-1000 / X-3000 / X-6000)  
 Pre-wired for 2 MX-Module Multi I/O  
 Pre-wired for 1 power quality analyser UMG 604 24 V  
 If required, additional components can be implemented as a variant

## SCHEMATIC DIAGRAMS



meteocontrol GmbH | Spicherer Straße 48 | 86157 Augsburg | Germany | Telephone +49 (0)821 34666 - 0 | Fax +49 (0)821 34666 - 11  
 E-mail [info@meteocontrol.com](mailto:info@meteocontrol.com) | Web [www.meteocontrol.com](http://www.meteocontrol.com)