

# POWER CONTROL STATION X-SERIES COMPACT

Item No.: 592.728



Actual product may vary

## DESCRIPTION OF FUNCTIONS

The compact 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 230 V AC / 10 A
Current consumption without ext. devices:	Max. 0.88 A
Protection class:	IP 65
UV resistant:	No
Operating temperature:	0 °C bis 40 °C
Dimensions (H x W x D):	600 x 600 x 200 mm
Weight:	26,0 kg
Installation:	Wall installation

## INTERNAL POWER SUPPLY

Components:	Power supply unit 24 V DC $\pm 1$ %, 10 A
AC input voltage range:	85 V AC bis 264 V AC
Input voltage (transient):	300 V AC
Efficiency:	>90 % (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:	3.4 Ah
Efficiency:	>98.7 %

## CABLE SCREW CONNECTIONS

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

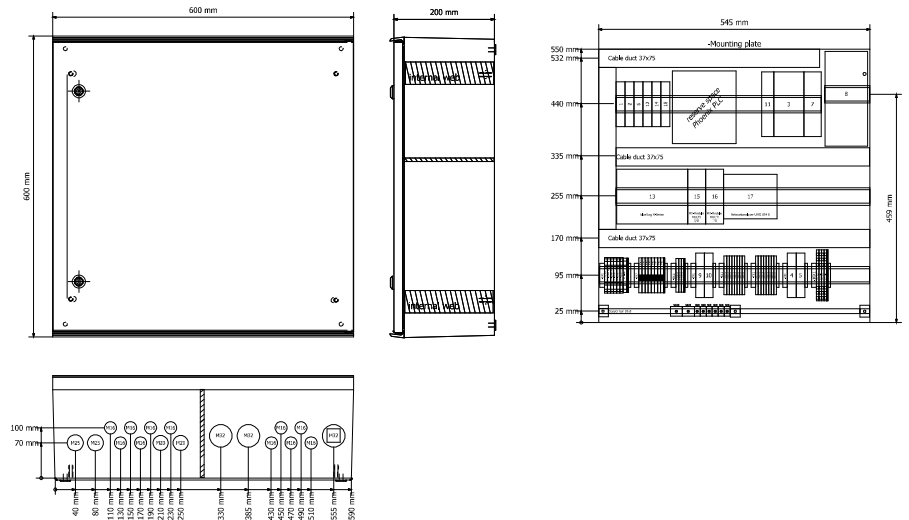
## COMMUNICATION

Type:	RS485 Modbus / 2 wires Ethernet
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## EQUIPMENT

Power supply unit 24 V DC, 10 A  
 UPS unit 24 V DC, 5 A  
 Rechargeable battery module 3.4 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



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