

POWER CONTROL STATION X-SERIES OUTDOOR

Item No.: 592.725



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 outdoor 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
- Low-maintenance control cabinet cooling unit allows outdoor installation

TECHNICAL DATA

Supply voltage:	100 V AC bis 240 V AC / 16 A
Current consumption without ext. devices:	Max. 8.42 A
Protection class:	IP 65
UV resistant:	Yes
Operating temperature:	-20 °C to 55 °C
Dimensions (H x W x D):	750 x 750 x 320 mm
Weight:	49.0 kg
Installation:	Wall installation

INTERNAL POWER SUPPLY

Components:	Power supply unit 24 V DC ± 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)

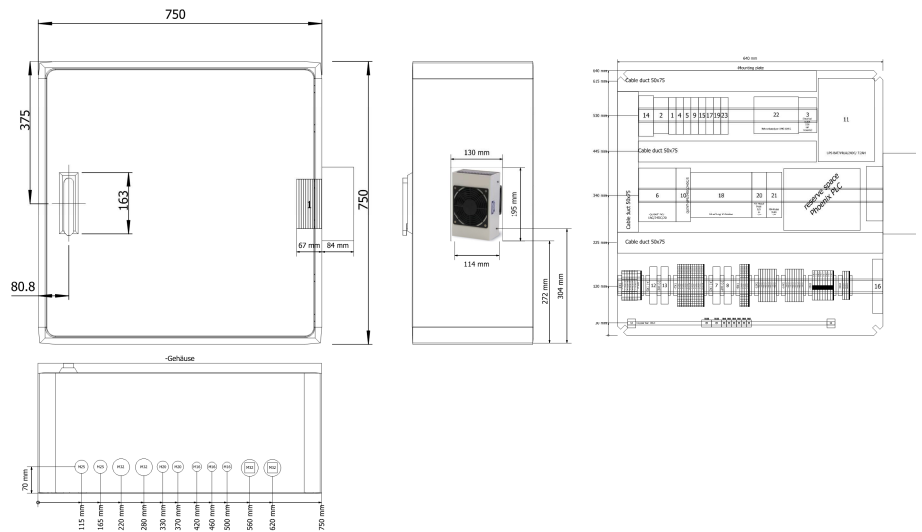
COMMUNICATION

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
 Peltier cooling unit 100 W
 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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