

POWER CONTROL STATION X-SERIES OUTDOOR

Item No.: 592.725



Actual product may vary

DESCRIPTION OF FUNCTIONS

The measuring equipment control cabinet for grid integration of your PV power plant, for outdoor 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
- Low-maintenance control cabinet cooling unit allows outdoor installation

TECHNICAL DATA

Supply voltage: 100 V AC to 240 V AC / 16 A

Current consumption without ext. devices: Max. 8.42 A

Protection class: IP 65 UV resistant: Yes

Operating temperature: $-20 \, ^{\circ}\text{C}$ to 50 $^{\circ}\text{C}$ Storage temperature: $-15 \, ^{\circ}\text{C}$ to 40 $^{\circ}\text{C}$ Dimensions (H x W x D): $750 \, \text{x} \, 750 \, \text{x} \, 320 \, \text{mm}$

Weight: 50.5 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



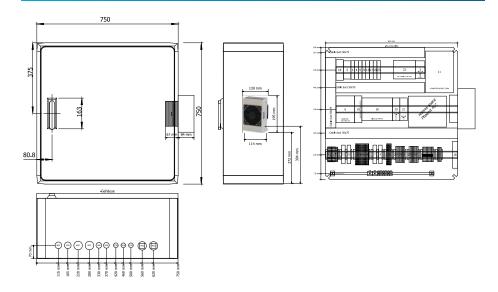
EQUIPMENT

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 (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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