

## INDUSTRIAL COMPONENT DATA

# CHARX PS/3AC/920DC/87.5KW 1162690 PHOENIX CONTACT

## CHARX power, Fast charging module for mounting DC charging..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CHARX PS/3AC/920DC/87.5KW



|                 |                           |
|-----------------|---------------------------|
| Manufacturer    | PHOENIX CONTACT           |
| MPN / Reference | CHARX PS/3AC/920DC/87.5KW |
| Catalog number  | 1162690                   |
| Category        | DC-power supply           |
| Minimum order   | 1 Pcs                     |
| Document ID     | EO-44B186E0E2             |
| Generated       | 2026-08-02                |

## Product Overview

CHARX power, Fast charging module for mounting DC charging poles, input: 3 phase, output: 200 V DC... 920 V DC / 125 A

CHARX power basic, Fast charging module for mounting DC charging stations, input: 3 phase, output: 200 V DC... 920 V DC / 125 A. The operation of the DC power module requires the corresponding control cabinet of the CHARX PS-CAB/4x87.5KW system (article code 1165442)

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                       |
|--------------|---------------------------------------|
| Catalog path | PHOENIX CONTACT > Power Supplies (PS) |
|--------------|---------------------------------------|

## Additional Product Information

Technical dataInput dataAC Operation

Input Voltage Range 3x 400V AC  $\pm 10\%$

Frequency Range 3x 50 Hz ... 60 Hz  $\pm 10\%$

Input current 3x 130 A

Power Factor (cos phi) 0,99

Total Distortion (THDi) < 3%

Network Structure TN-S, TN-C, TN-C-S, IT (PE) (Central Point Grounding & Insulation Monitoring)

Output DataYield max. 97 %

Output Voltage Range 200 V DC ... 920 V DC  $\pm 1\%$

Output current max. 125 A  
Residual ripple of the output current  $\leq 1\%$   
Nominal power 87.5 kW  
Dissipated Power  $< 2650$  W  
Power dissipated in standby  $< 135$  W  
Derating  $> 40$  °C ...  $50$  °C (Derating 2.5%/K)  
Parallel operation yes (Provision)  
Parallel connection possible Yes, up to 2 control cabinets  
Energy storage systems Battery technology Li  
Electrical Properties Number of phases 3  
Item Properties Product Type DC Power Module  
Product Family CHARX power basic  
Hot-PLUG Connection Yes  
Ventilation Yes  
Insulation Properties  
Kind of protection I  
Degree of pollution 2  
Dimensions Item Dimensions  
Width 536 mm  
Height 222 mm  
Depth 600 mm  
assembly Type of mounting Rack mounting  
Environmental and life-life conditions Environmental conditions  
Protection Index IP20  
Ambient Temperature (Service)  $0$  °C ...  $50$  °C (Derating  $> 40$  °C: 2.5%/K)  
Ambient Temperature (Storage/Transport)  $-25$  °C ...  $85$  °C  
Fixing height  $\leq 2000$  m (Derating  $> 1000$  m: 10%/1000 m)  
Permissible air humidity (service) 5 % ... 95% (non-condensing)  
Noise level approx. 72 dB (at full load)  
Standards & Specifications Surge Category  
IEC 60664-1 li  
Conductive charging system for electric veh...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CHARX PS/3AC/920DC/87.5KW with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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