

# RAD-SOL-CHG-24- 10 - Charge controller



2885443

<https://www.phoenixcontact.com/us/products/2885443>

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Fully automatic charge controller with electronic protection functions, for photovoltaic systems with a system voltage of 24 V.



## Product description

Fully automatic charge controller with electronic protective functions for photovoltaic systems with a system voltage of 24 V. The battery is charged with the help of an algorithm for pulse width modulation that has been optimized for photovoltaic systems.

## Your advantages

- Prewired control cabinet including charge controller, solar battery, surge protection, and fuses
- Optional wall or mast mounting

## Commercial data

Item number	2885443
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6P1
GTIN	4046356049894
Weight per piece (including packing)	420.7 g
Weight per piece (excluding packing)	298.3 g
Customs tariff number	90328900
Country of origin	TW

## Technical data

### Electrical properties

Operating voltage	24 V DC
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### Connection data

Cross section AWG	10
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### Dimensions

Width	152 mm
Height	55 mm
Depth	34 mm

### Material specifications

Housing material	Aluminum
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-55 °C ... 80 °C
Permissible humidity (operation)	20 % ... 100 % (non-condensing)

### Approvals

#### Conformity/Approvals

Conformance	CE-compliant
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### Mounting

Mounting position	Horizontal DIN rail
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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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