

# RAD-SOL-SET-24-100-US - Solar system



5605943

<https://www.phoenixcontact.com/us/products/5605943>

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Complete solar system, consisting of solar panel and control cabinet with charge controller, solar battery, surge protection, fuses and mounting material.

## Your advantages

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

## Commercial data

Item number	5605943
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6P1
Catalog page	Page 681 (IF-2011)
GTIN	4046356150279
Weight per piece (including packing)	450 g
Weight per piece (excluding packing)	450 g
Customs tariff number	85013100
Country of origin	DE

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## Set consists of

### RAD-SOL-BAT-12- 80 - Solar battery

2885498

<https://www.phoenixcontact.com/us/products/2885498>



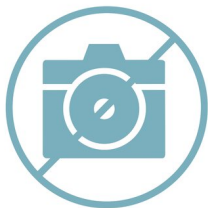
12 V/100 Ah gel solar battery, designed for use in the 200 Wp RAD-SOL-SET-24-200 solar system. Two batteries are required to operate the solar system.

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

2885443

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



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

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## RAD-SOL-PAN-12- 50 - Solar panel

2885456

<https://www.phoenixcontact.com/us/products/2885456>

12 V/50 Wp solar module, designed for use in the RAD-SOL-SET-24-100 or RAD-SOL-SET-24-200 solar system. Two or four modules are required to operate the solar system.



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## RAD-SOL-BOX-24V - Control cabinet

2917353

<https://www.phoenixcontact.com/us/products/2917353>

Pre-wired aluminum cabinet for use outdoors, with charger, surge protection and fuses. Designed for use in the solar set RAD-SOL-SET-24-...



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## RAD-SOL-MKT-100 - Solar panel bracket

2917735

<https://www.phoenixcontact.com/us/products/2917735>

Solar panel bracket for mounting 2 x RAD-SOL-PAN-12-50 solar panels on the wall or on a mast



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## Technical data

### Electrical properties

Operating voltage	24 V DC
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### Dimensions

Width	489 mm
Height	822.4 mm
Depth	337.7 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-30 °C ... 60 °C
Wind velocity	25 m/s (per m <sup>2</sup> corresponds to wind load zone 2, at a force of 0.39 kN)

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