

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
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6P1
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-CHG-24- 10 - Charge controller

2885443

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



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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 ² corresponds to wind load zone 2, at a force of 0.39 kN)

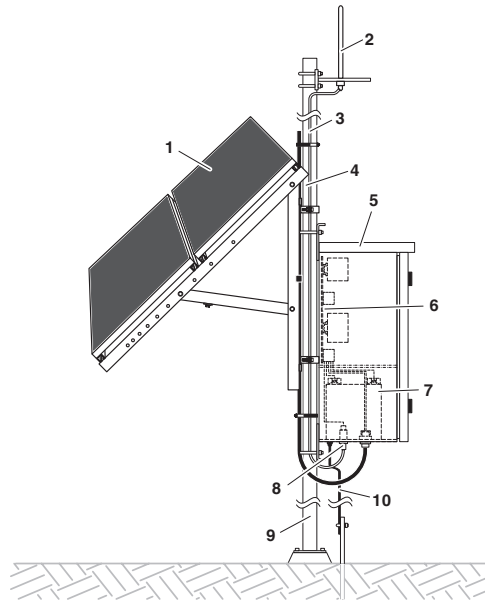
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Drawings

Schematic diagram



- 1 2 solar panels (conn. in series)
- 2 Antenna
- 3 Antenna cable
- 4 Flexible protective tubing
- 5 Control cabinet
- 6 Control cabinet electronics
- 7 Batteries
- 8 Surge protection for antenna cable and control cabinet electronics
- 9 Mast (e.g. signpost with 76 mm diameter)
- 10 Protective earth (PE), grounding cable

Example for a typical assembly of a solar system

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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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