RAD-SOL-SET-12- 10 - Solar system

2917146

https://www.phoenixcontact.com/us/products/2917146

PHŒNIX CONTACT

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.

12 V / 10 Wp solar system for worldwide use. Consisting of a solar panel, pre-wired control cabinet with charge controller (without rain roof), solar battery, fuses, M12 connecting cable (2 m) and assembly material (including mast clips).

Product Description

Complete solar system, specially adapted to the power supply of the RAD-ISM-2400-PIPE-TX radio modules (transmission cycle: every 5 min.). Consisting of a solar panel, pre-wired control cabinet with charge controller (without rain roof), solar battery, fuses, M12 connecting cable (2 m) and assembly material (including mast clips). One solar module with mounting bracket for setting different module angles.

Commercial Data

Item number	2917146
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	CMUAPO
Catalog Page	Page 655 (IF-2011)
GTIN	4046356292399
Weight per Piece (including packing)	6 kg
Weight per Piece (excluding packing)	5.8 kg
Country of origin	DE

RAD-SOL-SET-12- 10 - Solar system

2917146

https://www.phoenixcontact.com/us/products/2917146

Set consists of

RAD-SOL-BAT-12- 6 - Solar battery

2917104

https://www.phoenixcontact.com/us/products/2917104

12 V/6 Ah gel solar battery, designed for use in the RAD-SOL-SET-12-10 solar set.

RAD-SOL-CHG-12- 6 - Charge controller

2917078

https://www.phoenixcontact.com/us/products/2917078

Fully automatic charger with electronic protection functions, for photovoltaic systems with a system voltage of 12 V.

RAD-SOL-SET-12- 10 - Solar system

2917146

https://www.phoenixcontact.com/us/products/2917146

RAD-SOL-PAN-12- 10 - Solar module

2917094

https://www.phoenixcontact.com/us/products/2917094

12 V/10 Wp solar module, designed for use in the RAD-SOL-SET-12-10 solar system.

RAD-SOL-BOX-12V - Control cabinet

2917117

https://www.phoenixcontact.com/us/products/2917117

Pre-wired steel-plate cabinet with charge controller and fuses. Designed for use in the solar set RAD-SOL-SET-12-10.

RAD-SOL-SET-12- 10 - Solar system

2917146

https://www.phoenixcontact.com/us/products/2917146

RAD-SOL-MKT- 10 - Solar panel bracket

2917133

https://www.phoenixcontact.com/us/products/2917133

Solar panel bracket for mounting the RAD-SOL-PAN-12-10 solar panel on the wall or on a mast

Technical Data

Electrical properties

Operating voltage	12 V DC

Dimensions

Width	200 mm
Height	300 mm
Depth	120 mm

Material specifications

Housing material	Sheet steel

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Ambient temperature (storage/transport)	0 °C ... 20 °C

Mounting

Assembly instructions	Suitable for masts with a cross section of 76 mm
Mounting position	Wall or mast mounting

RAD-SOL-SET-12- 10 - Solar system

2917146

https://www.phoenixcontact.com/us/products/2917146

Accessories

RAD-SOL-BOX-12V-RC - Housing

2917311

https://www.phoenixcontact.com/us/products/2917311

Rain roof as additional protection against water and UV radiation
(Suitable only for the RAD-SOL-BOX-12 V control cabinet)

RAD-SOL-BAT-12- 6 - Solar battery

2917104

https://www.phoenixcontact.com/us/products/2917104

12 V/6 Ah gel solar battery, designed for use in the RAD-SOL-SET-12-10 solar
set.

RAD-SOL-SET-12- 10 - Solar system

2917146

https://www.phoenixcontact.com/us/products/2917146

RAD-SOL-CHG-12- 6 - Charge controller

2917078

https://www.phoenixcontact.com/us/products/2917078

Fully automatic charger with electronic protection functions, for photovoltaic systems with a system voltage of 12 V.

RAD-SOL-PAN-12- 10 - Solar module

2917094

https://www.phoenixcontact.com/us/products/2917094

12 V/10 Wp solar module, designed for use in the RAD-SOL-SET-12-10 solar system.