

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

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

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 046356 049894 |
| GTIN         | 4046356049894                                                                                           |

### Technical data

#### Control cabinet / System

|                  |          |
|------------------|----------|
| System voltage   | 24 V DC  |
| Width            | 152 mm   |
| Height           | 55 mm    |
| Depth            | 34 mm    |
| Housing material | Aluminum |

#### Charge controller

|                       |         |
|-----------------------|---------|
| System voltage        | 24 V DC |
| Current consumption   | < 8 mA  |
| Nominal load          | 10 A    |
| Short-circuit current | 12.5 A  |
| Solar input voltage   | < 60 V  |

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## Technical data

### Charge controller

|                          |           |
|--------------------------|-----------|
| Solar input current      | 10 A      |
| Temperature compensation | -60 mV/K  |
| Acid gel battery         | 28.2 V DC |
| Disconnecting load       | 23 V DC   |
| Connecting load          | 25.2 V DC |

### General

|             |              |
|-------------|--------------|
| Conformance | CE-compliant |
|-------------|--------------|

### Standards and Regulations

|             |              |
|-------------|--------------|
| Conformance | CE-compliant |
|-------------|--------------|

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27050605 |
| eCl@ss 4.0    | 27060800 |
| eCl@ss 4.1    | 27060800 |
| eCl@ss 5.0    | 27061800 |
| eCl@ss 5.1    | 27061800 |
| eCl@ss 6.0    | 19179200 |
| eCl@ss 7.0    | 19179290 |
| eCl@ss 8.0    | 19179290 |
| eCl@ss 9.0    | 22579290 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000310 |
| ETIM 3.0 | EC000310 |
| ETIM 4.0 | EC000310 |
| ETIM 5.0 | EC001748 |
| ETIM 6.0 | EC001314 |
| ETIM 7.0 | EC010538 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 26121608 |
| UNSPSC 7.0901 | 26121608 |
| UNSPSC 11     | 26121608 |
| UNSPSC 12.01  | 26121608 |
| UNSPSC 13.2   | 43222604 |
| UNSPSC 19.0   | 43222604 |

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