

Product information sheet

Product number: 0402021034

Date: 19.05.2026

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DC-DC charging converter SP21030E10 24-12/30

With the SP21030E10 DC-DC charging converter, you can charge 12 V batteries from 24 V vehicle electrical systems as well as operate 12 V consumers in 24 V vehicles.

- // Under and over voltage protection
- // Reverse voltage protection
- // Voltage transient protection
- // Over load and short circuit protection
- // Thermal overload shutdown

The DC-DC charging converter SP21030E10 24-12/30 halves the input voltage (input voltage range 15.8 V ... 32.9 V) and thus enables the operation of 12 V consumers and the charging of 12 V batteries on 24 V vehicle electrical systems. The output current is 30 A to max. 34 A. The charging converter also has protection against short circuits, overtemperature, overload, undervoltage/overvoltage and reverse polarity.

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Technical Information

| | |
|-------------------------------|-------------------|
| Bias current | < 15 mA |
| Housing | Aluminium |
| Input voltage range | 12.6 ... 33 V |
| Operating temperature | -40 °C ... +85 °C |
| Output current | 30 A (max. 34 A) |
| Output voltage (DC) | V (in) / 2 |
| Dimensions (L x W x H) | 196 x 144 x 62 mm |
| Weight | 1.67 kg |

*In the chosen option