

## Product information sheet

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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

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

\*In the chosen option