



## DC-DC charging converter SP21100E01

Compact, waterproof and very robust DC-DC charging converter with switched-mode technology. With the SP21100E01-10 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.

- // Extra robust housing
- // Protection against short circuit
- // Protection class of IP67

The DC-DC charging converter divides the 24 V input voltage (input voltage range 15.8 V ... 32.9 V) by 2 and thus provides half the input voltage as the output voltage. The output current is 100 A to max. 114 A. The DC-DC charging converter SP21100E01-10 is characterised by its high protection class of IP67 and a particularly robust design. The charging converter also has protection against short circuits, overtemperature, overload, undervoltage/overvoltage and reverse polarity.

## Product information sheet

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## Technical Information

<b>Bias current</b>	max. 60 mA
<b>Housing</b>	Aluminium
<b>Input voltage range</b>	15.8 ... 32.9 V
<b>Operating temperature</b>	-40 °C ... +85 °C
<b>Output current</b>	100 A (max. 114 A)
<b>Output voltage (DC)</b>	V (in) / 2
<b>Dimensions (L x W x H)</b>	303 x 215 x 80 mm
<b>Weight</b>	4.2 kg

\*In the chosen option