



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

Product number: 0402021102

Date: 21.01.2026

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Technical Information

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

*In the chosen option