

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.

Technical Information

Bias current	max. 60 mA
Housing	Aluminium
Input voltage range	15.8 … 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