

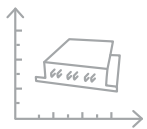


DC-Converter 300-Serie

345DH-24-SD

100W, isolated DC/DC buck-boost converter

«Designed in Switzerland, made in Germany, proven in the World»



90x90x20mm



268g



100W



SPECIFICATIONS

ultra wide input voltage range	22...100VDC
Max. input peak voltage	120 VDC
efficiency	92% (nominal load)
Output voltage / output power	24.0 VDC / 100 watts
Typical max. output current	4.0 ADC
Extrem high specific power per weight (gravimetry)	0.4 watts/gramm
EMC-type-test	☑

DC-CONVERTER 345DH-24-SD

Robust and very compact 24V DC power supply for mobile applications. The galvanically isolated DC-DC converter has a specific power density of 0.37W / gram.

FEATURES

- ◇ isolated DC/DC buck-boost converter
- ◇ robust and climate proof design
- ◇ excellent thermal characteristics
- ◇ permanently no-load and short-circuit proof
- ◇ integrated EMI input and output filter
- ◇ no power derating
- ◇ for ambient temperatures between -40°C / +85°C
- ◇ thermal shutdown at +90°C
- ◇ CC/CV charging characteristic