

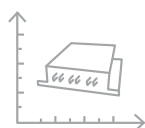


DC-Converter 200-Serie

257LEX-24-SD

200W, non-isolated DC/DC buck-boost converter

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



90x90x26mm



355g



200W



SPECIFICATIONS

ultra wide input voltage range	7...35VDC
Max. input peak voltage	37 VDC
efficiency	97% (nominal load)
Output voltage / output power	24.0 VDC / 200 watts
Typical max. output current	8.0 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	☑

DC-CONVERTER 257LEX-24-SD

DC/DC boost converter 12V 24V 200W.

Short-circuit proof buck and boost DC charging converter for primary use in supercapacitor powered autonomous systems with output-side backup battery. The LEX version has the advantage of a very low input voltage of down to 7V. Output-side integrated reverse polarity protection diodes enable battery charging.

Customizing DC/DC converters as DC/DC Converter 12V, DC/DC Converter 13.8V or DC/DC Converter 27V and much more can be realized.

FEATURES

- ◇ non-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