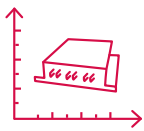


DC-Transformer 300-Serie

337-13.8-SD

80W, isolated DC/DC buck converter

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



52x77x19mm



170g



80W



SPECIFICATIONS

ultra wide input voltage range	22...80VDC
Max. input peak voltage	100 VDC
efficiency	92% (nominal load)
Output voltage / output power	13.8 VDC / 80 watts
Typical max. output current	6.0 ADC
Extrem high specific power per weight (gravimetry)	0.5 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-TRANSFORMER 337-13.8-SD

Isolated DC/DC converter as compact and robust 13.8V DC power supply for mobile industrial applications. The DC-Transformer 337-13.8-SD is designed for 48V Li-Ion battery systems or 32V supercap energy storage systems. As all of our DC/DC converters, this one can also be customised easily.

FEATURES

- ◇ isolated DC/DC buck 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



Please check technical Datasheet for further information on www.demke-electronic.com