

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

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52x77x19mm



170g

80W

SPECIFICATIONS

ultra wide input voltage range	2280VDC
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	\checkmark

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
- or robust and climate proof design
- excellent thermal characteristics
- opermanently no-load and short-circuit proof
- integrated EMI input and output filter
- on power derating
- o 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