

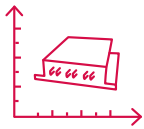


DC-Transformer 200-Serie

258E1-27.5-ON

220W, non-isolated DC/DC buck-boost converter

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



90x90x26mm



355g



220W



SPECIFICATIONS

ultra wide input voltage range	15...58VDC
Max. input peak voltage	60 VDC
efficiency	98% (nominal load)
Output voltage / output power	27.5 VDC / 220 watts
Typical max. output current	8.0 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-TRANSFORMER 258E1-27.5-ON

Boost all the energy out of your Supercaps! The DC/DC-converter with 27.5V output is designed to charge 24V batteries in vehicles. The 258E-27.5-On with its charging end voltage of 27.5V for two in series connected 13.8V-batteries works reliable from input voltages of 15V up to 58VDC. The short circuit current can still be increased.

[News article](#) available.

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



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