



DC-Transformer 200-Serie

258E-50

500W, non-isolated DC/DC buck-boost converter

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



90x90x26mm



360g



500W



SPECIFICATIONS

ultra wide input voltage range	20...63VDC
Max. input peak voltage	63 VDC
efficiency	98% (nominal load)
Output voltage / output power	50.4 VDC / 500 watts
Typical max. output current	10.0 ADC
Extrem high specific power per weight (gravimetry)	1.4 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-TRANSFORMER 258E-50

Non-isolated DC/DC buck-boost converter 24V 48V or 48V 48V stabilization.

This specific dc-dc converter is designed as constant current dc charging converter for 12x4.2V Li-Ion cells.

Custom specific modifications in output voltage, output current or input current derating can be realized quickly.

[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