



DC-Transformer 100-Serie

154DH-12-ON

200W, non-isolated DC/DC buck converter

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



90x90x26mm



335g



200W



SPECIFICATIONS

ultra wide input voltage range	16...160VDC
Max. input peak voltage	170 VDC
efficiency	93% (nominal load)
Output voltage / output power	12.5 VDC / 200 watts
Typical max. output current	17.0 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-TRANSFORMER 154DH-12-ON

The 154DH-12-ON converter with 12V output has improved electrical properties like the standard 154-12 with plastic housing. A complete overhaul of the previous technology lets this converter perform even better in battery charging systems, thanks to the improved CC / CV charging function.

[News article](#) available.

FEATURES

- ◇ non-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