

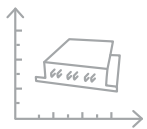


DC-Converter 100-Serie

154DH-13.8-ON

230W, non-isolated DC/DC buck converter

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



90x90x26mm



360g



230W



SPECIFICATIONS

ultra wide input voltage range	18...160VDC
Max. input peak voltage	170 VDC
efficiency	95% (nominal load)
Output voltage / output power	13.8 VDC / 230 watts
Typical max. output current	17.0 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	☑

DC-CONVERTER 154DH-13.8-ON

The dc power supply 154DH-13.8-ON converter with 13.8V output has improved electrical properties like the standard 154-13.8 with the phenol housing. A complete overhaul of the previous technology lets this dc-dc converter perform even better in battery charging systems, i.e. thanks to the improved CC / CV charging function.

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