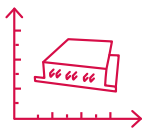


Master

Master-14XE.xx
110W, non-isolated DC/DC buck converter

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



90x90x26mm



335g



110W

SPECIFICATIONS

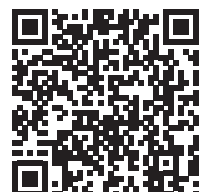
ultra wide input voltage range	16...160VDC
Max. input peak voltage	170 VDC
efficiency	94% (nominal load)
Output voltage / output power	13.8 VDC / 110 watts
Typical max. output current	8.0 ADC
Extrem high specific power per weight (gravimetry)	0.3 watts/gramm
EMC-type-test	

DC-TRANSFORMER MASTER-14XE-XX

This is a DC transformer master article - many features are customizable. This master DCDC converter only briefly outlines the rough specifications. The DC-DC converter with excellent performance! 160V - DC input for supercapacitor power sources. Highest efficiency! EMC radiation 55022, class B without any external filtering! Internal output-side reverse polarity protection diode to prevent charge feedback! Parallel switchable! Our unbeatable voltage converter for 12V output, 24V output or your desired output!

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 +



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