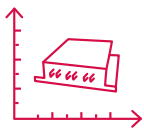


## Master

Master-15X.xx  
300W, non-isolated DC/DC buck converter

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



90x90x26mm



335g



300W

### SPECIFICATIONS

ultra wide input voltage range	16...100VDC
Max. input peak voltage	125 VDC
efficiency	98% (nominal load)
Output voltage / output power	13.8 VDC / 300 watts
Typical max. output current	20.0 ADC
Extrem high specific power per weight (gravimetry)	0.9 watts/gramm
EMC-type-test	

### DC-TRANSFORMER MASTER-15X-XX

This is a DC transformer master article - many features are customizable. This master DCDC converter only briefly outlines the rough possible specifications. Its independent current and voltage regulation allows the Master 15X to be used as a battery charger or as a quasi- CC-CV charger for a battery charger with DC input. Its possible field of application: battery-operated or supercapacitor-powered systems, systems with a large DC voltage range e.g. from 16V to 96V for generating the 12V/13.8V board network (low setter).

### FEATURES

- ◇ non-isolated DC/DC buck converter
- ◇ robust and climate proof design
- ◇ excellent thermal characteristics
- ◇ 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](http://www.demke-electronic.com)