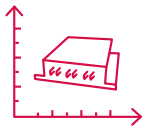




## Master

Master-36X.xx  
175W, isolated DC/DC buck-boost converter

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



90x90x26mm



360g



175W



### SPECIFICATIONS

ultra wide input voltage range	30...160VDC
Max. input peak voltage	170 VDC
efficiency	92% (nominal load)
Output voltage / output power	28.0 VDC / 175 watts
Typical max. output current	6.3 ADC
Extrem high specific power per weight (gravimetry)	0.5 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER MASTER-36X-XX

This is a application specific, customizing DC/DC converter.

One of our DC-Transformer Master-Artikel - many features can be customized.

The DC/Dc converter can be realized as:

DC/DC power supply 12V, unipolar und bipolar,  
DC/DC power supply 15V, unipolar und bipolar,  
DC/DC power supply 19V, unipolar oder bipolar,  
DC/DC power supply 24V, unipolar oder bipolar,  
DC/DC power supply 28V, unipolar oder bipolar,  
DC/DC power supply 42V, unipolar oder bipolar.

What are your needs?

### FEATURES

- ◇ 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
- ◇ bipolar or doubled output



Please check technical Datasheet for further information on [www.demke-electronic.com](http://www.demke-electronic.com)