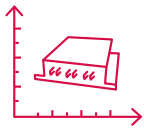




Master

Master-7xx.xx
400W, isolated DC/DC buck-boost converter

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



90x90x26mm



900g



400W



SPECIFICATIONS

ultra wide input voltage range	8...125VDC
Max. input peak voltage	150 VDC
efficiency	97% (nominal load)
Output voltage / output power	24.0 VDC / 400 watts
Typical max. output current	16.5 ADC
Extrem high specific power per weight (gravimetry)	0.4 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-TRANSFORMER MASTER-7XX-XX

Galvanically isolated buck and boost power converter with specification like:

DC/DC converter 48V at 550W, DC/DC converter 24V at 500W, DC/DC converter 12V at 450W.

Applications: DC/DC converter fuel cell, DC/DC converter super capacitor, DC/DC converter battery powered systems.

Parallel connection and output current balancing.

Scope of application: fuel cell, supercapacitor, battery powered systems.

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



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