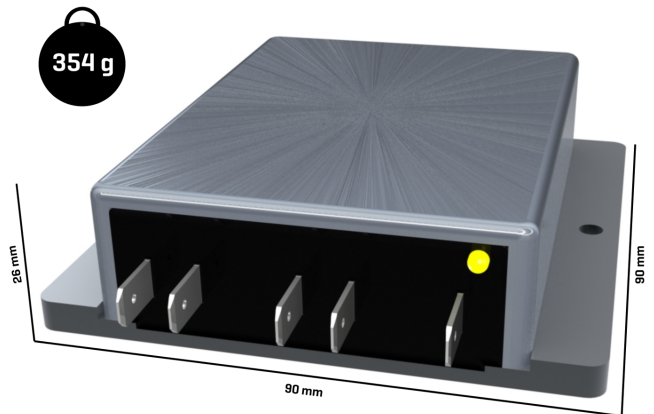


## DC/DC TRANSFORMER

### Master 25X.xx

400 Watt single output



## KEY FIGURES

### ultrawide input voltage range

18 ... 75 VDC

### input peak voltage

85 VDC

### very high efficiency

97% (on nominal load)

### output voltage / max. output current

48 VDC / 8 ADC

## FEATURES

- > Auf- und Abwärtswandler ohne Trennung
- > dauerhaft leerlauf- und kurzschlussfest
- > thermische Abschaltung bei +90°C
- > integrierter EMI Ein- und Ausgangsfilter
- > wärmeableitende Metallplatte
- > unipolare Ausgangsspannung
- > sehr niedrige Eingangs-Spannungswelligkeit
- > für Umgebungstemperaturen von -40°C bis +85°C
- > für aktive Lasten, kann parallelgeschaltet werden
- > kein Leistungsderating
- > robustes Design

## DESCRIPTION & AREA OF APPLICATION

This is a DC Transformer Master article - many features are customizable. This master DCDC converter briefly outlines the rough specifications. Its independent current and voltage control allows the Master 25X to be used as a battery charger or as a charge converter with quasi CC-CV charging characteristics as a battery charger with a DC input.

Possible applications: battery-powered or supercapacitor-powered systems, systems with a large DC voltage swing, e.g. from 6V to 48V to feed back into the 48V board network [boosters]. A customized DC-DC converter for 48V voltage stabilization, for 24V voltage stabilization, for 12V voltage stabilization, ...

Please check technical datasheet for further information published on our website [www.dc-transformer.com](http://www.dc-transformer.com).

All technical and general information is provided in all conscience. We reserve the right to change specifications at any time.