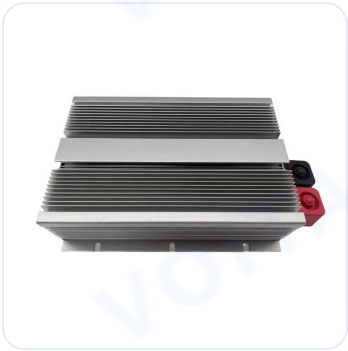
Step-down DC-DC Converter — 360 × 198 × 88 mm Case, 30–60 V to 24 V

Step-down (buck) converter for 30–60 V DC systems, supplying 24 V at 200 A in one sealed aluminium case.



KEY FEATURES

- Input versions — **48 V (30–60 V)**
- Outputs at **24 V**, held to ± 0.25 V
- **200 A** in this case — 4800 W
- **360 × 198 × 88 mm** finned heat-sink case, **9 kg**; housing machined to order
- **93 % transfer efficiency** at rated load
- **IP67** — dust-tight, immersion to 1 m for 30 min
- Short-circuit, over-current, over-voltage and over-temperature protection
- Certified to **CE, FCC and RoHS**

MODELS BUILT IN THIS CASE

Model	Input version	Output current	Output power
48V-24V	48 V (30–60 V)	200 A	4800 W

Ordering model = model prefix + current rating, i.e. **48V-24V 200A**. Output power is the rated output voltage multiplied by the output current. All models use the same 360 × 198 × 88 mm case.

ELECTRICAL SPECIFICATION

Input voltage	DC 48 V (30–60 V)
Output voltage	24 V, held to ± 0.25 V
Output current	200 A in this case
Output power	4800 W in this case
Transfer efficiency	93 % typical at rated load
Protection	Short-circuit, over-current, over-voltage, over-temperature

Ripple and noise, no-load input current and MTBF are not published for this case size — available on request.

MECHANICAL AND COMPLIANCE

Case size (mm)	360 × 198 × 88
Net weight	9 kg
Ingress protection	IP67 — sealed housing, no vents or fan intake
Working temperature	-40 °C to +80 °C
Storage temperature	-40 °C to +100 °C
Working humidity	10 % to 90 % RH
Certification	CE, FCC, RoHS
Warranty	2 years standard, extendable by agreement

Reference outline only — custom housing; outline issued after order review.

Custom requirements. If the model you need is not listed, send input range, output voltage, output current, case or terminal preference and quantity — we will quote a customized build.

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