Technical Data Sheet

Adjustable DC-DC Boost Converter
1,500 W



Reference | CONV-U005C

Technical specifications

Product reference: CONV-U005C
Input voltage: 10.5–60 V DC
Maximum input current: 50 A
Output voltage: 15–70 V DC (adjustable)
Maximum power: 1,360 W
Maximum output current: 30 A (adjustable)
No-load power: 0.5 W
Efficiency: 93–96% (max.)
Storage temperature: −40°C to +75°C
Operating temperature: −20°C to +50°C
Service life: >50,000 hours
Dimensions: 140 (L) × 70 (W) × 22 (H) mm
Weight: 1 kg

Temperature-controlled fan cooling.

Protection

- Input undervoltage protection
- Input overcurrent protection
- Thermal protection

Precautions

No short-circuit protection at the output. Fit a 50 A fuse at the supply input.

Do not reverse input or output polarity. Do not exceed the rated voltage or current.