

Voltage converter from 72V to 24V, 5A, 120W, IP68

Product codes:

Reference: AM4343

EAN13: -

UPC: 85044090

Product features:

Input voltage: 30-90 V DC

Output voltage: 24 V DC

Output current: 5 A

Output power: 120 W

Waterproof grade: IP68

Lifetime: 100,000 hours



Product attributes:

Product description:

A robust switching DC-DC converter designed to convert higher DC battery or mains 72V to a stable 24V output up to 5A. An ideal solution for electric vehicles, industrial systems, telecommunications or other applications where reliable voltage reduction with high efficiency and overload protection is required. The WG-72S2405 provides high reliability even in harsh operating conditions.

Technical specifications (power, voltage, current, dimensions, weight, protection)

- Model: WG-72S2405
 - Input voltage: 30-90V DC
 - Output voltage: 24 V DC
 - Maximum output current: 5 A
 - Output power: 120W
 - Efficiency typical: 93% (@ 72 V input)
 - Dimensions: 64 × 57 × 22 mm
 - Weight: 120g
 - Protection: IP67 / IP68 – water and dust resistant design
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- Operating temperature range: $-40\text{ }^{\circ}\text{C}$ to $+80\text{ }^{\circ}\text{C}$

Functions and features (control, compatibility, benefits of use)

- Non-isolated switching solution with high efficiency
- Automatic output voltage stabilization
- Protection against overload, short circuit and low input voltage
- High reliability thanks to full load burn-in test
- Small dimensions and robust aluminum housing with heat sink
- Optional Remote ON/OFF functions (for variants with this function)
- Thick AWG wire for easy installation

Ideal for (typical uses)

- Electric vehicles and e-scooters
- Industrial applications and control systems
- Telecommunications equipment
- LED installation with 24 V power supply
- Batteries and accumulator systems in trucks, golf carts and boats

Package contents

- WG-72S2405 DC-DC converter 120W 72→24V 5A
- Power and output cables (pre-wired)
- Installation manual

Why choose this product (summary of main benefits)

- High efficiency and stable power up to 120 W
- Wide input voltage range suitable for various 72 V systems
- Robust design with high protection for outdoor and industrial use
- Protection against common faults (overload, short circuit, undervoltage)
- Compatible with a wide range of applications from mobility to telecommunications

Product gallery:

