

# Battery charger from 12V/24V to 58.4V, 10A, 584W, IP65, slim

## Product codes:

Reference: AM5152

EAN13: -

UPC: 85044090

## Product features:

Input voltage: 12 V DC

Output voltage: 58.4 V DC

Output current: 10 A

Output power: 584 W

Waterproof grade: IP65

Lifetime: 100,000 hours



## Product attributes:

## Product description:

Very high quality DC/DC voltage converter from 10-16V DC to 58.4V DC max. 10A.

Input voltage: 12 V DC (range 10-30 V DC)

Input current: max. 64A ( $V_{in}=10V$ ,  $I_{out}=20A$ )

Output voltage: 58.4 V DC, max. 10A

Efficiency: 94.5%

No-load consumption: max. 72mA

Input voltage check: below 10V DC shutdown, recovery at 11V DC

ACC switching (10-30V DC = ON, 0-10V DC = OFF)

LED indicator: RED (battery with voltage) GREEN (charged)

Short circuit protection

Input voltage fuse at 32V DC

Output voltage fuse min. 38V DC, max. 61V DC

Overvoltage protection

Thermal fuse (over 85°C)

All insurance policies renew automatically

Aluminum construction with fins for heat dissipation

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Certificates: CE, ROHS  
Working temperature: -40 ~ +55°C  
Ambient humidity: 0~95%  
Protection: IP65  
Size: 140x120x42.5mm  
Weight: 1200g

Recommended wiring for input: cross-section 8mm<sup>2</sup>

Recommended cabling for output: cross-section 2mm<sup>2</sup>

### **Product gallery:**

