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120W DC-DC Converter 12V@10A

SKU:FIT0170

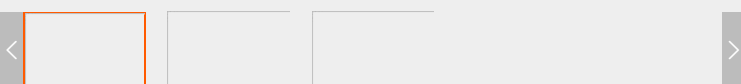
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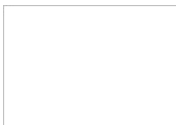
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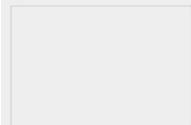
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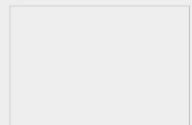
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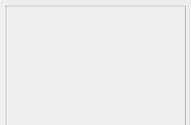
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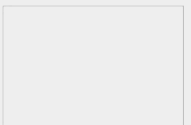
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INTRODUCTION

This is a waterproof DC-DC converter. With 12-40V DC input, it converts to 12V@10A which is an ideal supply for embedded PC and robots.

FEATURES

- Overvoltage protection
- Overcurrent protection
- Overheat protection
- Short-circuit protection
- Waterproof and shockproof case
- High efficiency and less heat

SPECIFICATION

- Input Range: 15-40V DC
- Output: 12V DC
- Output Current: 10A
- Size: 74 X 74 X 32mm (2.91x2.91x1.26")
- Efficiency: 90%
- Weight: 0.28Kg
- Maximum working temperature: 80 °C

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 n the discussion...



mysterfreeze • a year ago

Hi, do the buck as a output LC filter and what is the maximum output ripple? Do you have the full datasheet?

^ • Reply • Share >



DFRobot Support  → mysterfreeze • a year ago

I will consult dealer after the Spring Festival because the dealer is on holiday. Please remind me if I forgot. thank you.

^ • Reply • Share >



SHA256systems • 2 years ago

Is the Input Rage: 15-40V DC or 12-40V DC? The description is confusing. In the beging it is 12-40V DC but in specification 15-40V DC. Thanks.

^ • Reply • Share >



DFRobot Support  → SHA256systems • 2 years ago

The Input DC voltage is 12~40V.

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SHA256systems → DFRobot Support • 2 years ago

On the image of the converter it says Input 24 V. Is it correct? Or is the input range 12-40 V?

^ • Reply • Share >



DFRobot Support  → SHA256systems • 2 years ago

Hi,

The input range is 12-40 V.

^ • Reply • Share >



Enrico Penzo → DFRobot Support • a year ago

hello, I purchased this unit but when I apply 12V input the output is only 1.8V Any ideas?

^ • Reply • Share >



DFRobot Support  → Enrico Penzo • a year ago

You test the voltages of input and output. and recheck the wire.

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