

# DC-DC3

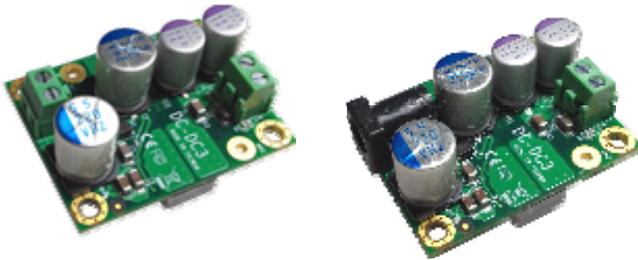
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## Power Convert Module

### User's Manual

Edition 1.21

2025/01/10



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Any questions please visit our website at <http://www.commell.com.tw>

## Packing List:

Please check the package content before you starting using the board.



1 x DC-DC3 Power Convert Module  
(Include Heat spreader)



1 x DC Input Power Cable  
(OALDC-B / 1040513)  
(DC-DC3-5V & DC-DC3-12V Only)



1 x DC Output Power Cable  
(OALDC-DC3 / 1040614)

## 1. <Product Specification>

### Mechanical & Environmental

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Accessories                    OALDC-DC3 x 1,  
   OALDC-B x 1 (DC-DC3-5V & DC-DC3-12V Only)

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Dimensions (L x W)        41.98mm x 33.00mm

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Temperature                Operating within 0~60 centigrade

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Relative Humidity        10%~90%, non-condensing

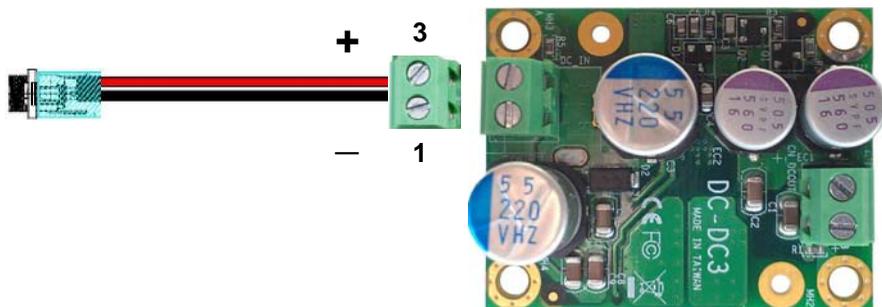
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Ordering Code            **DC-DC3-5V**: Convert DC 6~30V to DC 5V 30W  
   (With Heat spreader)  
**DC-DC3J-5V**: Convert DC 6~30V to DC 5V 30W  
   (With Heat spreader and power jack 2.5mm)  
**DC-DC3-12V**: Convert DC 9~30V to DC 12V 72W  
   (With Heat spreader)  
**DC-DC3J-12V**: Convert DC 9~30V to DC 12V 72W  
   (With Heat spreader and power jack 2.5mm)

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## 2. <Power Supply>

### 2.1 <Power Input>

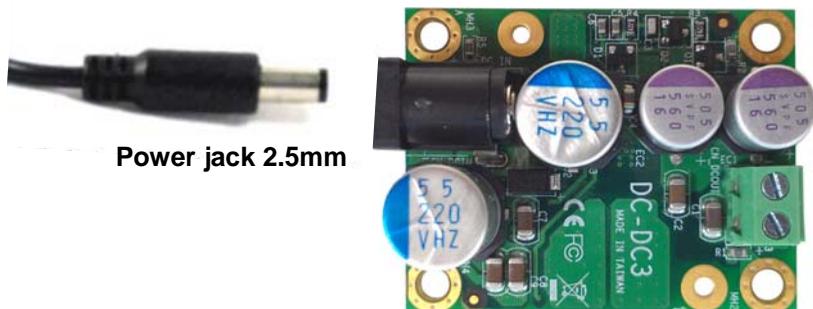


DC\_IN: Terminal Block 2-pin power connector

Pin	Signal	Pin	Signal
1	GND	3	Power in

DC-DC3-5V supports 6~30V wide voltage input.

DC-DC3-12V supports 9~30V wide voltage input.



Power jack 2.5mm

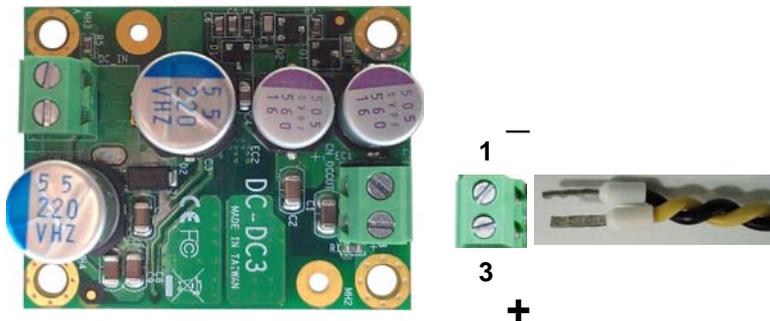
DC\_IN: Power jack connector

Pin	Signal	Pin	Signal
1	GND	2	GND
3	Power in		

DC-DC3J-5V supports 6~30V wide voltage input.

DC-DC3J-12V supports 9~30V wide voltage input.

## 2.2 <Power Output>

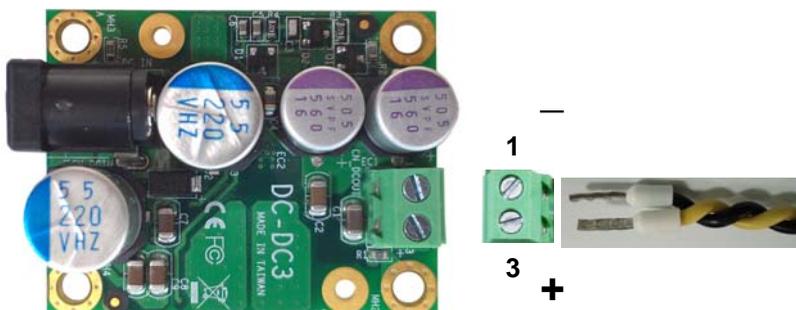


DC\_OUT: Terminal Block 2-pin power connector

Pin	Signal	Pin	Signal
1	GND	3	Power Out

**DC-DC3-5V supports 5V power output.**

**DC-DC3-12V supports 12V power output.**



DC\_OUT: Terminal Block 2-pin power connector

Pin	Signal	Pin	Signal
1	GND	3	Power Out

**DC-DC3J-5V supports 5V power output.**

**DC-DC3J-12V supports 12V power output.**

## Contact Information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

### Taiwan Commate Computer Inc.

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