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# Technical Note - TN-65

**Subject:** DC/DC Converters

**Description:** 24 or 48 VDC Inputs. 12 VDC Outputs



## DC/DC Converter - 24 to 12VDC

Model No.: PS24DCDC12

24 to 12 VDC switched mode DC/DC converter delivers a stable output voltage with high efficiency.

### Specifications

Input Voltage:	20 - 32 VDC
Output Voltage:	13.5 V DC
Output Current (max.):	5 Amps
Output Current (cont.):	5 Amps
Efficiency:	85%
Standby Current:	12
Dimensions:	65 x 87 x 46mm
Weight:	180 g
Operating Temperature:	0 – 50 DegC

### Features

- Protect sensitive equipment from voltage spikes
- Cool running, high efficiency
- Stable output for long lasting reliability



## DC/DC Converter - 48 to 12VDC

Model No.: PS48DCDC12 & PS48DCDC12-5

48 to 12 VDC switched mode DC/DC converters with a choice of 2 or 5 Amp output.

### Specifications

Input Voltage:	40 - 60 VDC
Output Voltage:	12 VDC
Output Current:	2 Amps (PS48DCDC12) 5 Amps (PS48DCDC12-5)
Efficiency:	78 - 85%
Dimensions:	
Weight:	
Operating Temperature:	-20 – 50 DegC (100% load)

### Features

- Low profile, fully encapsulated module
- Ideal for harsh environments
- Adjustable output
- Overcurrent protection
- High operating temperature range +70°C
- Input - output isolation

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TRIO DATA COM  
41 Aster Avenue  
Carrum Downs VIC  
Australia 3201

T +613 9775 0505  
F +613 9775 0606  
E [frontdesk@trio.com.au](mailto:frontdesk@trio.com.au)  
[www.trio.com.au](http://www.trio.com.au)



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