# Convert 48VDC to 5VDC, 48VDC to 9VDC, 48VDC to 12VDC, 12VDC to 9VDC

# External 48VDC to +5VDC, 1A Power Converter



**PWR-48V-5V1A** 

**PWR-48V-5V2A** 



- External DC-DC converter.
- Use the power converter to install NTI products in a Telecom environment.
- Accepts 36~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 1A load.
- 3-pole detachable screw terminal for connecting 48V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
- Dimensions WxDxH: 1.63x2.13x1.08 in (41x54x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- MTBF: 148,381 hrs
- Operating temperature: -13 to 158°F (-25 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: RoHS

# External 48VDC to +5VDC, 2A Power Converter

- External DC-DC converter.
- Use the power converter to install NTI products in a Telecom environment.
- Accepts 36~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 2A load.
- 3-pole detachable screw terminal for connecting 48V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
- Dimensions WxDxH: 3.18x3.09x1.08 in (81x78x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- Operating temperature: -13 to 158°F (-25 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: CE, RoHS

# External 48VDC to +5VDC, 4A Power Converter

- External DC-DC converter.
- Use the power converter to install NTI products in a Telecom environment.
- Accepts 18~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 4A load.
- 3-pole detachable screw terminal for connecting 48V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
- Dimensions WxDxH: 3.18x3.09x1.08 in (81x78x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- MTBF: 186,911 hrs
- Operating temperature: -13 to 158°F (-25 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: RoHS

# External 48VDC to +5VDC, 10A Power Converter

- External DC-DC converter.
- Use the power converter to install NTI products in a Telecom environment.
- Accepts 36~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 10A load.
- 3-pole detachable screw terminal for input and output.
- 2.1x5.5mm male DC power jack.
- Dimensions WxDxH (in): 3.18x3.09x1.08
- Operating temperature: -40 to 158°F (-40 to 70°C).
- Efficiency: 80%, ± 5%
- Regulatory Approvals: RoHS



**PWR-48V-5V10A-LT** 



1.800.RGB.TECH (800.742.8324) 330.562.7070 Toll Free: US & Canada International calls

330.562.1999 Worldwide fax

- MTBF: 120,636 hrs



**PWR-48V-5V4A** 

## Convert 48VDC to 5VDC, 48VDC to 9VDC, 48VDC to 12VDC, 12VDC to 9VDC

# External 48VDC to +9VDC, 0.6A Power Converter

- External DC-DC converter.
- Use the power converter to install NTI products in a Telecom environment.
- Accepts 36~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +9VDC and can handle 0.6A load.
- 3-pole detachable screw terminal for connecting 48V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
- Dimensions WxDxH: 3.18x3.09x1.08 in (81x78x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- MTBF: 277,414 hrs
- Operating temperature: -13 to 158°F (-25 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: RoHS

#### External 48VDC to +12VDC, 1.6A Power Converter

- External DC-DC converter.
- Use the power converter to install NTI products in a Telecom environment.
- Accepts 18~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +12VDC and can handle 1.6A load.
- Isolated up to 1.5kV.
- 3-pole detachable screw terminal for connecting 48V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
- Dimensions WxDxH: 3.18x3.09x1.08 in (81x78x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- MTBF: 167,854 hrs
- Operating temperature: -13 to 158°F (-25 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: CE, RoHS

## External 48VDC to +12VDC, 1.6A Power Converter, Low Temperature Environments

- External DC-DC converter.
- For use in low temperature environments.
- Use the power converter to install NTI products in a Telecom environment.

Use the power converter to install NTI products in a Telecom environment.

- Accepts 18~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +12VDC and can handle 1.6A load.
- 3-pole detachable screw terminal for connecting 48V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
  - Dimensions WxDxH: 3.18x3.09x1.08 in (81x78x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- MTBF: 167,854 hrs
- Operating temperature: -40 to 158°F (-40 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: RoHS

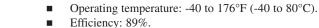
Isolated up to 1.5kV.

Extender DC-DC converter.

#### External 48VDC to +48VDC, 1A Power Converter, Low Temperature Environments



**PWR-48V-48V1A-LT** 



- Regulatory approvals: RoHS.
- 330.562.7070 330.562.1999

2.1x5.5mm male DC power jack.

Worldwide fax International calls

Accepts 18~75VDC (48VDC nominal). Accepts positive or negative polarity.

Outputs 48VDC and can handle 1A load.

3-pole detachable screw terminal for input and output.

Dimensions WxDxH (in): 3.18x3.09x1.08 in (81x78x27 mm).

sales@ntigo.com www.networktechinc.com



**PWR-48V-9V0-6A** 

#### PWR-48V-12V1-6A-LT



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## Convert 48VDC to 5VDC, 48VDC to 9VDC, 48VDC to 12VDC, 12VDC to 9VDC

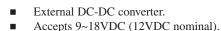
## External 24VDC to +5VDC, 2A Power Converter

- External DC-DC converter.
- Use the power converter to install NTI products in a Telecom environment.
- Accepts 18~36VDC (24 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 2A load.
- 3-pole detachable screw terminal for connecting 48V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
- Dimensions WxDxH: 3.18x3.09x1.08 in (81x78x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- Operating temperature: -13 to 158°F (-25 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: RoHS External 12VDC to +9VDC, 0.6A Power Converter External DC-DC converter.
  - Accepts 9~18VDC (12VDC nominal).
  - Accepts positive or negative polarity.
  - Outputs +9VDC and can handle 0.6A load.
  - 3-pole detachable screw terminal for connecting 12V input.
  - 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
  - Dimensions WxDxH: 3.18x3.09x1.08.1 in (81x78x27 mm)
  - Includes a 3-foot (0.91-meter) female-to-female DC power cable.
  - MTBF: 259,929 hrs
  - Operating temperature: -13 to 158°F (-25 to 70°C).
  - Efficiency: 80%, ±5%
  - Regulatory Approvals: RoHS

# External 12VDC to +5VDC, 1.5A Power Converter



PWR-12V-5V1-5A-LT



- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 1.5A load.
- 3-pole detachable screw terminal for connecting 12V input.
- 2.1x5.5 mm (0.083x0.22 in) male DC power jack.
- Dimensions WxDxH: 1.63x2.13x1.08 in (41x54x27 mm)
- Includes a 3-foot (0.91-meter) female-to-female DC power cable.
- MTBF: 840,375 hrs
- Operating temperature: -40 to 158°F (-40 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: RoHS

### Internal 48VDC to +5VDC, 2A Power Converter

- Optional internal DC-DC converter.
- Add the power converter option to install NTI products in a Telecom environment.
- Accepts 36~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 2A load.
- 3-pole detachable screw terminal for connecting 48V input.
- MTBF: 120,636 hrs
- Add -48V5V2A to NTI part number.





1.800.RGB.TECH (800.742.8324) Toll Free: US & Canada

330.562.7070 International calls

330.562.1999 Worldwide fax sales@ntigo.com www.networktechinc.com

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**PWR-24V-5V2A** 

PWR-12V-9V0-6A

### Convert 48VDC to 5VDC, 48VDC to 9VDC, 48VDC to 12VDC, 12VDC to 9VDC

#### Internal 48VDC to +5VDC, 10A Power Converter

- Optional internal DC-DC converter.
- Add the power converter option to install NTI products in a Telecom environment.
- Accepts 36~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs +5VDC and can handle 10A load.
- 3-pole detachable screw terminal for connecting 48V input.
  - MTBF: 124,862 hrs
- Add -48V5V10A to NTI part number.

### Internal 48VDC to +5VDC, 10A Power Converter

- Optional internal DC-DC converter.
- Add the power converter option to install NTI products in a Telecom environment.
- Accepts 36~72VDC (48 VDC nominal).
- Accepts positive or negative polarity.
- Outputs ±5VDC and each converter can handle 10A load.
- Two 3-pole detachable screw terminals for connecting 48V inputs.
- MTBF: 62,431 hrs
- Add -48V5V10A2 to NTI part number.





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