DC-DC POWER CONVERTERS

Convert 48VDC to 5VDC, 48VDC to 12VDC

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

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 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.
- MTBF: 120,636 hrs
- Operating temperature: -13 to 158°F (-25 to 70°C).
- Efficiency: 80%, ±5%
- Regulatory Approvals: CE, RoHS

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

PWR-48V-5V4A

- 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 +5.5VDC, 4A Power Converter

PWR-48V-5-5V4A

- 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 +5.5VDC 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

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Convert 48VDC to 5VDC, 48VDC to 12VDC

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

PWR-48V-12V1-6A

- 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 24VDC to +5VDC, 2A Power Converter

PWR-24V-5V2A

- 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 24V 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

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.**