

# TAKE YOUR POWER TO THE NEXT LEVEL.

## MEET SOLIS ENERGY'S DC100.



**Need a boost?** Solis Energy's DC100 is a PoE-enabled 100-watt variable voltage step-up transformer that can convert any DC voltage to a higher DC voltage between 18 and 48 volts. The systems have predefined fixed output voltages of 18VDC, 24VDC and 48VDC. It also allows you to set a custom voltage between 25.1VDC and 48VDC. The DC100 comes with a Data input port and a POE output port: the POE outputs whatever voltage the device is set to supply, as well as whatever data is supplied to the Data input port.

### OUR DC100 IS...



**DURABLE.** Like the other products in our suite, the DC100 is built to last and can power your devices in harsh weather and extreme temperature conditions.



**DEPENDABLE.** The quality of our DC 100 components ensures a long system life in any climate or location.



**FLEXIBLE.** The DC100 has custom voltage outputs in addition to the variety of fixed outputs, and can be mounted as is or on DIN rail to suit your application.



## POWER WHEN YOU NEED IT.

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Rev 16.12

# DC100 100W BOOST CONVERTER + POE

## ELECTRICAL

- Data Connectors: RJ45 Jacks
- Power Connectors: 4 Position Terminal Blocks (14 - 26 AWG)
- Data Lines: Pins 1 / 2 / 3 / 6
- PoE Power Pinout:
  - Pos VDC: Pins 4 / 5
  - Neg VDC: Pins 7 / 8
- Operating Temperature: -4 – 158 °F (-20 – 60 °C)
- RoHS Compliant: Yes

## MECHANICAL

- Dimensions: 5.50 x 4.25 x 1.75 in (139.70 x 107.95 x 44.45 mm)
- Mounting: DIN rail



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