

## Orion-Tr 12/12-30A (360W) Isolated DC-DC converter by Victron



Price: CAD \$299.00

**SKU:** VEORION-1212-30

**Product Categories:** [Battery Chargers](#), [DC-DC Converters](#), [Shop](#)

**Product Tags:** [12v converter](#), [12v converter canada](#), [30A](#), [360W](#), [canada](#), [converter](#), [Isolated](#), [Orion-Tr 12/12-30A](#), [Orion-Tr 12/12-30A canada](#), [victron](#), [victron orion](#), [victron orion canada](#), [victron Orion-Tr 12/12-30A](#)

**Product Page:**

<https://www.modernoutpost.com/product/orion-tr-12-12-30a-360w-isolated-dc-dc-converter-by-victron/>

### Product Summary

This is the Orion-Tr 12/12-30A (360W) Isolated DC-DC converter by Victron Energy. This converter can be installed in systems with 12V input and 12V output with 30

amps of current, giving you a nice, stable output voltage This converter can also be remotely controlled (remote on/off) by a low power switch such as an engine run/stop switch.

## Product Description

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The Orion Converter can adjust the output voltage, however, this product is NOT intended for battery charging. Consider using [Orion-Tr Smart](#)] for battery charging applications.

### Orion-Tr 12/12-30A Features

#### **Remote on-off**

The remote on-off eliminates the need for a high current switch in the input wiring. The remote on-off can be operated with a low power switch or by for example the engine run/stop switch (see manual).

#### **Adjustable output voltage: can also be used as a battery charger**

For example to charge a 12 Volt starter or accessory battery in an otherwise 24V system.

#### **All models are short circuit proof and can be paralleled to increase output current**

An unlimited number of units can be connected in parallel.

#### **High temperature protected**

The output current will reduce at high ambient temperature.

#### **IP43 protection**

When installed with the screw terminals oriented downwards.

#### **Screw terminals**

No special tools needed for installation.

## **Input fuse (not replaceable)**

On 12V and 24V input models only

**Model: ORI121240110**

Orion-Tr 12/12-30A Specifications In Brief

**Input voltage range : 10-17V**

**Under voltage shut down : 7V**

**Under voltage restart : 7.5V**

**Nominal output voltage : 12.2V**

**Output voltage adjust range : 10-15V**

**Output voltage tolerance : +/-0,2V**

**Output noise : 2mV rms**

**Cont. output current at nominal output voltage and 40°C : 30A**

**Efficiency : 87%**

**Off load current : < 80mA**

**Weight : 1,8 kg (3 lb)**

**Dimensions : 130 x 186 x 80 mm (5.1 x 7.3 x 3.2 inch)**

[Download the complete spec sheet](#) [Download the User Manual](#)

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 1.4 kg

## Product Gallery

