

VICTRON ENERGY ORION-TR SMART ISOLATED DC – DC CHARGERS | Product Numbers

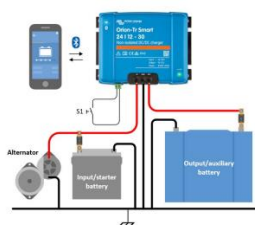
18AMP | ORI121222120 | 30AMP | ORI121236120

What is an Orion-Tr smart isolated DC – DC charger?

An Orion DC to DC smart charger is a unit that will divert energy from one battery to another to allow charging to take place. Sometimes known as a battery-to-battery charger. With built in Bluetooth functionality which enables the user to program the unit and setup the correct charge profiles easily and quickly for pre-defined battery types such as AGM and LifePo4 Batteries



Why isolated over non-isolated?



Isolated basically means that the input and output circuits don't share a common ground (negative), this is great for installations that don't share or cannot share a common negative for leisure and vehicle circuits, boats for example and vehicles which have sensitive equipment.



Easy to fit?

These Chargers are very easy to install, from wiring to setup via the VictronConnect smartphone app.

Wiring using the correctly sized cables and fuses couldn't be easier. You also have the option to fit a remote switch which will disable / enable charging via a switch or a BMS control such as the VE.BUS BMS systems.

The alternator settings are very simple and will work with the latest Euro systems and have pre-set options for voltages.

What else can I do with the Orion smart chargers?

As well as having Bluetooth, the Orion also has the capability to be connected to a VE. Bus BMS or VE. Bus BMS V2. Which can control the remote switch on the Orion for Lithium protection. As well as being connected to a shunt via the output negative of the charger, this will then show charging on a GX device.

Product numbers for the associated products in this article

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|-------------------------------------|-------------------------------------|
| ORI121222120 - Orion Tr Smart 18amp | ORI121236120 – Orion Tr Smart 30amp |
| BPP900455050 – VE.BUS BMS | BPP900455070 - VE.BUS BMS v2 IP65 |
| BPP900450100 - Cerbo GX | BPP900450120 - Cerbo S GX |
| BPP900455050 - Touch50 | BPP900455070 - Touch70 |
| ASS030543020 - GlobalLink 520 | |