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Victron Orion-Tr 24/12-5 (60W) DC-DC Converter

SKU
ENG-VT-00142
MPN
ORI241205200R
Barcode
8719076022855

Description

The Victron Orion-Tr 24/12-5 (60W) DC-DC converter is an advanced and compact power solution designed for industrial applications. Efficiently converting 24V DC to a stable 12V DC output at 60W, it boasts a remarkable 96% efficiency, minimizing energy loss and optimizing power usage. Using high-frequency switching technology for precise regulation, it ensures reliability under varying loads. Its rugged design makes it ideal for automotive, marine, and industrial environments, offering enhanced protection against dust and moisture for long-term reliability.

Designed for efficiency, reliability, and versatility, the Victron Orion-Tr 24/12-5 (60W) DC-DC converter empowers your power management system with precise and stable voltage conversion. Explore the advanced capabilities of this converter today and experience the superior performance that Victron’s engineering excellence delivers.

- High-performance DC-DC converter for seamless voltage adaptation
- Efficiently converts 24 V DC input to a stable 12 V DC output
- Constant 60 W power supply for diverse industrial applications
- Impressive efficiency rating of up to 96% for minimal energy loss
- High-frequency switching technology ensures precise regulation
- Rugged and compact design for reliable operation in challenging environments
- Conformal coating for enhanced protection against dust and moisture
- Comprehensive protection features: overvoltage, overcurrent, and short-circuit protection
- An intelligent thermal management system prevents overheating
- Easy...

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Victron Energy

Victron Energy is a Dutch company specialized in the design and manufacture of products for battery-based energy systems. Since 1975, Victron Energy has grown from a one-office technology startup to become an international enterprise with nearly 1,000 different products sold worldwide. In the off-grid sector, we offer reliable and innovative solutions from solar home systems to mini-grids. Our ...

Electrical Specification

Input Voltage Type
DC
Nominal Voltage
24 V
Min. Input Voltage
18 V
Max. Input Voltage
35 V
Efficiency
95%
Output Voltage Type
DC
Output Voltage
12.7 V
Cont. Output Current
5 A
Max. Output Current
7 A
Off Load Current
< 20 mA

Physical Specification

Dimensions
27 × 51 × 53 mm
Weight
0.09 kg
Power Connector
Screw Terminal, 4-Position
Min. Operating Temperature
-20 °C
Max. Operating Temperature
55 °C

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