

# ANTARES BLUE SOLUTIONS



Maximising victron excellence



All-in-one Quattro series combis

“Blue solutions” is the name given to the partnership between Victron Energy and Antares (Europe) Ltd.

Victron Energy have led the way in creating fully integrated solutions utilising professional robust power electronics - combine this with innovative control programming and it gives an unrivalled offering now available to the specialist vehicle builder with Antares pre- and post-sales support.

Antares' role is to give a professional service encompassing detailed applications engineering, integration and solution design, fast turnaround stockholding, programming support - all at a local level in the UK and Ireland.

The core products can be used standalone or configured in complex systems to meet every conceivable need.

We look forward to discussing with you, how this partnership can bring cost-effective benefits to your organisation.

## Overview

The blue solutions platform is based around product designed and built by Victron Energy, based in Holland. The range provides everything you need to create and distribute 110 or 230V “mains” on board specialist vehicles.

### The range includes

- Standalone Inverters
- Standalone Chargers
- MultiPlus Combis
- Quattro Combis
- Isolation transformers
- Remote Controllers
- Full monitoring and alarm capability
- VE bus multiplex control

## Internet or Direct!

We have declined the call to offer a “shopping cart” website experience as the majority of our customers, when buying something as important and critical to their operation as an auxiliary power system, appreciate the benefit of our advice and gain the confidence that they are making the right system choice.

There are also a host of other activities that need to take place at the time of order to ensure a trouble free installation with reliable and long-lasting operation in the field.

In many cases the equipment is part of a system and needs to be viewed as such. Nowadays, very few products can be viewed in isolation - most benefit from detailed integration, often involving programming, to bring out the best performance in the system.



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ISO 9001:2000

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**ANTARES**  
engineering with answers

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exploiting victron excellence

## Powerful Electronics

Over the years Antares have specialised in safely handling high powers around electrical systems . Poor design here will at best create problems during charging, and at worst cause heat damage to components, with inevitable effects. The blue solution products have this built into their DNA - being very robust and suitable for arduous duty cycles.

## Unique Features

The blue solutions platform allow us to provide you many unique, but when required, essential features:

- 3 phase inverter output
- Paralleling up units to get very high powers
- Power Assist to reduce generator size and cost
- Landline over-current protection
- RCCD safety grounding
- And many more....

## Robust Construction

Like Antares, the Victron philosophy is to build to last, and to specify for a wide range of conditions. In many cases specifications can be misleading: eg the rated output specified may be correct at 20°C but not applicable for high ambient temperatures. Our applications team will guide you through this minefield.

## Integration

Blue solutions is the best way we can get to providing a solution in a single package. This saves you time and money at the installation stage as well as giving you confidence that the system will operate as intended, now and for many years to come.

## Customised Software

In common with most modern equipment, the equipment uses microprocessor technology to configure the units to meet the exact demands. In these versatile products this software is complex and this is where our Victron trained software engineers come in - they are on hand to guide you throughout.

Where no standard solution currently exists, we are also approved by Victron to modify system software and have direct access to the Victron Development team.

## Field support

Applications engineers from Antares and Victron Energy are also on hand to help design installations, identify problems, and organise on-site support.

## Compliance

This area of engineering is



becoming more problematic for us all. Products are approved as appropriate with e marking, CE marking. However certain projects such as military, telecoms or rail require higher or different standards. Antares have experience in working with you to resolve this issues.

## ISO9001 QA

Antares is a Quality Assured approved design and manufacturer, as is Victron. We meet the highest standards required in the UK, overseen by British Standards Institute. Acceptable by the VCA and the UK MOD.

## Installation

For our customers who do not build vehicles themselves Antares have a range of approved installers around the UK these installers work closely with Antares to provide a high level of local support, either on the original vehicle or during upgrading of existing fleets.

## Partnership

We look forward to working with you for your Victron needs and firmly believe we can meet your expectations of a local engineering

