



## Converters

### Type IV2412360 - IV4812360

#### Specifically designed for the demands of V-CAN and NMEA2000 Lines

VETUS converters are developed to convert the 24 or 48 VDC from the battery bank to a stable 12 VDC output, ensuring that the low-voltage communication lines of your vessel are properly powered by the correct voltage. Through a flawless integration, VETUS converters meet the technical requirements of other VETUS products, such as thrusters and E-propulsion systems, in all operating conditions.

#### Specifications

- Nominal Input voltage: 24 VDC and 48 VDC
- Stable 12 VDC output for CAN bus power supply
- Easy installation with Faston 6.3 mm terminals
- Protected against high temperatures due to fan-cooling
- Wide operating temperature range, from -10 °C up to 40°C (14°F - 104°F)
- Compatible with other equipment brands up to 360 Watts
- Output of 360 Watts (15A); compatible to other equipment brands



IV2412360

IV4812360

Type	Nominal input (VDC)	Output range (VDC)	Max output power (W) / current (A)	Continuous output power (W) / current (A)	Dimensions (mm)
IV2412360	20 - 35	12	360 / 30	360 / 30	83 x 190 x 133
IV4812360	30 - 60	12	360 / 30	360 / 30	83 x 190 x 133
IV1224360	9 - 18	24	360 / 15	360 / 15	83 x 190 x 133
IV2424360	20 - 35	24	360 / 15	360 / 15	83 x 190 x 133

## Trickle charger / battery maintainer

### Type BC120517

#### Intelligent charging in seven stages

BC120517 controls the battery charging in seven stages ensuring optimal performance from your batteries. It has an Ingress Protection Rating IP65, so it is dust, splash and rainproof. The charger is supplied with two connection leads, terminating with either crocodile clips or ring terminals.

**Stage 1** Desulfation; reduces battery sulfation

**Stage 2** Soft start

**Stage 3** Bulk charge

**Stage 4** Absorption

**Stage 5** Battery test

**Stage 6** Recondition

**Stage 7** Float

#### Specifications

- Dimensions L 160 x W 960 x H 540 mm
- Weight 0,85 kg
- Ambient temperature -20° to +50°C
- AC Voltage input 220-240 VAC, 50/60Hz
- DC output 12 VDC - 5,0 A



BC120517

Type	Description
BC120517	7-stage battery charger/maintainer