



VICTRON ENERGY SKYLLA-TG BATTERY CHARGER 24V 100A THREE-PHASE

Reference: STG024100300

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The battery charger Victron Energy Skylla-TG is an advanced 24V system with 100A power in a three-phase configuration. Equipped with many innovative features, this product is designed to offer optimal performance and flexibility in various applications.

One of the main features of the Victron Energy Skylla-TG is its ability to deliver a maximum rated output of 100A and a limited output of 4A. The charge voltage can be precisely adjusted to suit the specific needs of the battery system. The input for the charger is 230V at 50/60Hz, while an external sensor allows the battery temperature to be measured and the charging voltage to be adjusted appropriately to compensate for temperature variations.

Victron Energy Skylla-TG are highly versatile and suitable for any type of battery, whether open or sealed. HF technology allows for a compact and lightweight design. Charging is regulated through three steps, controlled by a microprocessor, to ensure fast and safe charging. The smart start function avoids starting a charging cycle on already charged batteries, increasing battery life.

An innovative aspect of the Victron Energy Skylla-TG is that it can be used as a power source thanks to its stabilised output. This eliminates the need to use batteries or capacitor banks for the power supply.

The 24V models have two isolated outputs, allowing two separate batteries to be charged. The second output is limited to 4A and has a slightly lower voltage than the first, and is ideal for trickle charging of auxiliary or starter batteries.

To further improve charging quality, Victron Energy Skylla-TG are equipped with a temperature sensor that adjusts the charging voltage according to the battery temperature. In addition, a voltage sensing device on the battery helps compensate for voltage losses due to cable resistance.

VICTRON ENERGY SKYLLA-TG TECHNICAL SPECIFICATIONS

Power supply (AC V): 3x400
Supply range (VAC): 320-450
Frequency (Hz): 45-65
Power factor: 1
Boost¹ charge (VDC): 28.5
Float² charge (VDC): 26.5
Main charging current (A): 100
Auxiliary current (A): 4
Charging mode: IUoUo (3-stage)
Battery capacity (Ah): 500-1000
Operating temperature: -40 to +50°C (-40 to 122°F)
Humidity (non-condensing): max 95%

Materials and colour: aluminium (blue RAL 5012)
Battery connection: M8 bolts
230 V AC connection: 2.5 mm² screw terminals
Degree of protection: IP 21
Width: 515 mm
Depth: 260 mm
Height: 265 mm
Weight: 23 kg

Looking for a product with different technical characteristics? [Here](#) you can find the complete range of VICTRON battery chargers and other specialised brands.

Images and technical data are not binding.

Technical Sheet

Phase	Three phase
Protection degree	IP21
Main body material	Aluminum
Length (mm)	260
Width (mm)	515
Height (mm)	265
Battery capacity min (Ah)	500
Battery capacity max (Ah)	1000
Overload protectors	Yes
Colour	Blue
Total charge current	100 a
Charge current second output (A)	4
Charge voltage Bulk (V)	28.5
Charge voltage Float (wet batteries) (V)	26.5
Weight (Kg)	23
Supply Voltage	400 V