



VICTRON SKYLLA-TG CHARGER 24/80 BATTERYCHARGER 24V 80A

Reference: SDTG2400801

VICTRON SKYLLA-TG 24/80 CHARGER 24V 80A

The Victron Skylla-TG 24/80 charger is an advanced system designed for charging 24V batteries with a power of 80A in a single-phase configuration.

An exceptional feature of the Victron Skylla-TG charger 24/80 is its ability to provide a maximum nominal output of 80A and a limited output of 4A. This versatility ensures customized loading capacities for various battery systems. The Victron Skylla-TG 24/80 charger's input is rated at 230V, operating at 50/60Hz. Additionally, an external sensor detects temperature, enabling the charger to adjust its voltage to account for thermal variations, thus improving accuracy.

The Victron Skylla-TG 24/80 adaptable technology of the charger can handle both open and sealed batteries, and its HF technology allows for a lightweight and compact design. Loading occurs in three stages controlled by a microprocessor, ensuring efficient and secure restoration. The intelligent start function prevents initiating a charging cycle on fully charged batteries, thus extending lifespan.

A unique aspect of the Victron Skylla-TG 24/80 is its potential to serve as a power source due to its stabilized output. This feature eliminates the need for additional batteries or capacitor banks for power purposes.

In 24V models, two isolated outputs are available, allowing simultaneous of two separate batteries. The Victron Skylla-TG 24/80 second output, limited to 4A, operates with slightly lower voltage than the primary output, making it ideal for maintaining auxiliary or starting batteries.

The Victron Skylla-TG 24/80 charger incorporates a temperature sensor that adjusts voltage based on temperature. Furthermore, a voltage sensing device compensates for voltage losses due to cable resistance.

The Victron Skylla-TG 24/80 charger represents an excellent example of innovation in loading technology. Its adaptability, precision, and features like dual charging outputs, temperature-based voltage regulation, and power supply capability make it a versatile and reliable solution for various charging needs.

TECHNICAL SPECIFICATIONS VICTRON SKYLLA-TG CHARGER 24/80

Input Voltage: 230 Vac
Input Voltage Range: 185-264 Vac
Frequency: 45-65 Hz
Power Factor: 1
Boost Charge Voltage: 28.5 Vdc
Float Charge Voltage: 26.5 Vdc
Main Charge Current: 80 A
Auxiliary Charge Current: 4 A
Charge Mode: IUoUo (3-stage charging)

Battery Capacity: 400 - 800 Ah
Operating Temperature: -40 to +50°C (-40 - 122°F)
Humidity (non-condensing): max 95%

Materials and Color: Aluminum (RAL 5012 blue)
Connection: M8 bolts
230 V AC Connection: 2.5 mm² screw terminals
Protection Rating: IP 21
Width: 365 mm
Depth: 250 mm
Height: 257 mm
Weight: 10 Kg

Looking for a Victron Skylla-TG 24/80 charger with different technical features? [Here](#) you can find the complete range of VICTRON chargers and other specialized brands.

Images and technical data are not binding.

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Technical Sheet

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| Phase | Single phase |
| Protection degree | IP21 |
| Main body material | Aluminum |
| Length (mm) | 250 |
| Width (mm) | 365 |
| Height (mm) | 257 |
| Battery capacity min (Ah) | 400 |
| Battery capacity max (Ah) | 800 |
| Overload protectors | Yes |
| Colour | Blue |
| Total charge current | 80 A |
| Charge current second output (A) | 4 |
| Charge voltage Bulk (V) | 28.5 |
| Charge voltage Float (wet batteries) (V) | 26.5 |
| Weight (Kg) | 10 |
| Supply Voltage | 230 V |