

## 12A Blue Smart IP67 24V Battery Charger by Victron



Price: CAD \$285.00

**SKU:** VESMART-24/12-120

**Product Categories:** [AC-DC Chargers : Lead Acid Batteries](#), [AC-DC Chargers : Lithium Batteries](#), [Battery Chargers](#), [Pop Picks For Vans & RVs](#), [Shop](#)

**Product Tags:** [120V](#), [12a](#), [24/12](#), [24V](#), [ac-dc charger](#), [battery charger](#), [blue smart](#), [blue smart charger](#), [blue smart ip67 charger canada](#), [canada](#), [ip67](#), [victron](#), [victron ip67 charger](#)

**Product Page:**

<https://www.modernoutpost.com/product/12a-blue-smart-ip67-24v-battery-charger-by-victron/>

### Product Summary

When you need an affordable, flexible, durable AC charger for your 24V battery bank, the Blue Smart IP67 Charger 24/12-120V by Victron is your answer. This Bluetooth equipped charger adapts to many applications, including cars, van conversions, RVs, tiny homes, as well as for professional workshop applications.

## Product Description

When you need a powerful, affordable, flexible, durable AC charger for your 24V battery bank, the 12A Blue Smart IP67 Charger by Victron is your answer. This Bluetooth equipped charger adapts to many applications, including cars, van conversions, RVs, tiny homes, as well as for professional workshop applications.

Model : BPC241247106

Its new algorithm ensures optimal charging of your battery bank. Charging and discharging are optimized to keep the battery in good condition, thus extending its life. The Blue Smart IP67 also has the capability to recharge a deeply discharged battery, using a low charging current to restore the battery to working order if possible, and then automatically switch to a normal charge.

The VictronConnect application and Bluetooth connectivity provide real-time information on the status of the battery and charger from a phone, tablet or laptop.

### 12A Blue Smart IP67 24V Battery Charger Features

#### **Bluetooth Smart enabled**

The Blue Smart IP67 Charger is the wireless solution to monitor voltage and current, to change settings and to update the charger when new features become available. With Bluetooth, the functionality of the IP67 charger is enhanced and is similar to that of our IP22 and IP65 chargers.

Completely encapsulated: waterproof, shockproof and ignition protected

Water, oil or dirt will not damage the Blue Smart IP67 Charger. The casing is made of cast aluminium and the electronics are moulded in resin.

#### **The highest efficiency ever!**

Setting a new industry standard: with 92% efficiency or better, these chargers waste three to four times less heat. And once the battery is fully charged, power consumption reduces to less than a Watt, some five to ten times better than the industry standard.

Adaptive 5-stage charge algorithm: bulk – absorption – recondition – float – storage

The Blue Smart Charger features a microprocessor controlled 'adaptive' battery

management. The 'adaptive' feature will automatically optimize the charging process relative to the way the battery is being used.

Storage Mode: Less maintenance and aging when the battery is not in use

The storage mode kicks in whenever the battery has not been subjected to discharge during 24 hours. In the storage mode float voltage is reduced to 2,2 V/cell (13,2 V for a 12 V battery) to minimize gassing and corrosion of the positive plates. Once a week the voltage is raised back to the absorption level to 'equalize' the battery. This feature prevents stratification of the electrolyte and sulphation, a major cause of early battery failure.

### **Li-ion (LiFePO<sub>4</sub>) Compatible**

LiFePO<sub>4</sub> batteries are charged with a simple bulk - absorption - float algorithm.

### **Protected against overheating**

Can be used in a hot environment such as a machine room. Output current will reduce as temperature increases up to 60°C, but the charger will not fail.

### **Two LEDs for status indication**

Yellow LED: bulk charge (blinking fast), absorption (blinking slow), float (solid), storage (off) Green LED: power on

12A Blue Smart IP67 24V Battery Charger Specifications

AC-Input Voltage : 120 V

Charge Output Current : 24A

DC System Voltage : 24 V

- Efficiency : 96% - No-Load Draw : 0.5W - Can be used as a Power Supply : Yes
- Protections : Battery reverse polarity (fuse), Output short circuit, Over temperature - Weight : 2.4kg - Dimensions : 21.9 x 9.9 x 6.5 cm

Downloads

Datasheet: **[Download Now](#)**

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## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 1.9 kg