



SCHEIBER

L'innovation française depuis 1965



Energy
Management
Box

Designed to centralize all the
uses of recreational vehicles

PICK-UP - VAN - CAMPING-CAR - LINER

Energy Management Box

The ideal solution for equipments protection and electrical management for recreational vehicles



Display & measures



Outside temperature



Voltage



Remaining autonomy



Consumption

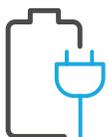


Level measurement

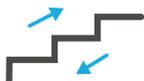
Autonomous functions



Integrated solar regulator



Integrated 240W charger



Running board



Coupler-splitter



Many protected outputs



Electric bed



Oven



USB socket



12V socket



Canopy lighting



Permanent protected outputs



Fridge



TV + demodulator



Satellite Antenna



Car stereo

Control from the display screen



Lighting



Water pump

AUX.

Auxiliary output
12V



Heating

Connectivity

LIN BUS • CI-BUS ALDE/TRUMA • CAN BUS FUSION • CAN BUS SCHEIBER

Functions

The Energy Management Box is the ideal solution for equipments protection and electrical management for recreational vehicles, from pick-up to Liner.

This 12V all-in-one system gathers your entire installation in a single plug & play box (using automotive connectors) for fast installation and increased productivity. With this design, wiring is simplified.

Comfort

- 1 output with integrated dimmer
- Function «turn off everything» (12V general / lighting)
- Compatible with TRUMA & ALDE heating
- Compatible with Garmin GPS
- Compatible with Gel, AGM, lithium, lead-acid batteries
- Information if 230 VAC present
- Outdoor temperature display
(+ indoor if using a Navicolor, optional)

Safety

- Batteries and tanks monitoring
(Water, Waste Water - 5 levels of measurement)
- Power cut at low voltage

Energy Management

- Charging the batteries by the mains socket (charger 16A), solar panels (up to 2x100W) and the alternator.
- Charging / discharging of the Motor and Auxiliary batteries is managed by the integrated coupler-splitter.
- Possibility of installing 1 or 2 IBS sensors (Intelligent Battery Sensor) to monitor the status of auxiliary batteries.



Automatic functions while starting :

- Reentry of the running board
- Reentry of the Satellite Antena
- Extinction of the canopy lighting
- Inhibition of electric bed power supply



Emergency function

In case of power failure, the essential functions remain accessible thanks to the 3 by-pass fuses (25A) and the emergency button on the block.

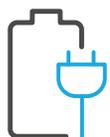
- 1 Electric bed
- 2 Pump
- 3 Lighting
- 4 Emergency button for the reentry of the running board

The advantages of the solution



Compatible Ci-BUS

Product validated with our partners : Fusion/Garmin, Alde, Truma et Hella



Integrated charger

Charging curves adapted to the different batteries of the market (Lead, lithium, ...)



Electrical protection

of each output by mini-fuse



Plug&play

Time savings and wiring



Compatible communicating batteries

EZA and SuperB



IBS sensor

Reliability and accuracy of measurements (Voltage, current and temperature of the battery)

Options



- **IBS sensor**

Monitor your batteries with smart battery sensors (IBS sensor, derived from automotive technology) that reliably and accurately measure battery voltage, current and temperature.



- **CAN/USB interface**

Control your installation from a tablet with the CAN / USB interface.



- **Wifi Server**

Connect your motorhome with the Wifi Server. The Scheiber web app allows you to control functions from your smartphone or tablet.



- **Lighting**

Add 6 additional outputs with wired switches and create ambiances by zones thanks to the dimmer.



- **2.4Ghz gateway**

Add battery-free wireless switches to your lighting network and upgrade your installation easily. The installation is fast and avoids passing cables in the partitions.



- **Switches (wireless, battery-free) - 1-button switch / 2-button switch**



- **Indoor temperature sensor**

Touchscreens

BASIC



Navicolor PT2

The essentials at a low price

- 2.4" touchscreen
- product derived from sailing
- interchangeable frame



Available soon

ADVANCED



Navicolor GT2

The best compromise

- 3.5" touchscreen
- Glass Touch flat surface
- ON/OFF button
- touch keys on the front (tank and batteries)
- set language, time / date format and temperature unit ° C / ° F

OPTION



GARMIN Interface

Driving the entire motorhome

- 7" removable touchscreen
- Integrated GPS Fusion
- Integrated car stereo



ANDROID tablet

Connect the vehicle

- Scheiber motorhome application for driving equipment
- all the comfort of your personal tablet (applications, internet browser, ...)

CAN cable



CAN cable

Garmin cable



CAN cable



CAN cable

Navicolor PT2 **AND/OR** Navicolor GT2

AN/USB interface **OR** Wifi Server



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Question ?

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