



**AC**  
ENERGY

**PRODUCT  
CATALOGUE**  
2022

Specialists in **energy autonomy**





ACE  
ENERGY



# RECREATIONAL VEHICLES

Throughout all the manufacturing stages of our ACE Energy product range, from design to marketing, our philosophy remains the same: to make energy self-sufficiency easy and accessible.

Our modular solutions cover all motorhome owners' needs, whether they lead a rather sedentary lifestyle or are demanding adventurers.

To better protect the environment in line with our commitment to manage resources sustainably, we only manufacture and sell LiFePO<sub>4</sub> batteries.



# RECREATIONAL VEHICLES



**BATTERY**  
**CAN/BT Battery**  
Lithium Iron Phosphate Technology  
Ref. ACE-CANBT

**12.8V - 100Ah**  
L342xH173xP215 · 13.6kg

- › Long useful life
- › Light
- › Powerful



**ACCESSORIES**  
**D+ Wireless**  
Easy installation  
Ref. ACE-D-PLUS-SF

**12V / 24V**  
L76xP56xH23 · 60g

- › No wired connection to the alternator
- › Compatible with vehicles EURO 6 / 6+



**CHARGER**  
**DC-DC 50A Booster**  
Buck-Boost  
Ref. ACE-DCDC50

**12V-25/50A**  
L200xH125xP70 · 1.35kg

- › Charge cycle control
- › Built-in protections
- › D+ detection



**DISPLAY**  
**PWC350**  
Highly accurate battery gauge  
Ref. ACE-PWC350

**8V/80V - 350A**  
ø59-54xD20 · 50g

- › Highly accurate
- › Memory function
- › Compatible with all technologies



**CHARGER**  
**AC/DC 20A Charger**  
LiFePO<sub>4</sub>-specific  
Ref. ACE-SC1250LFP

**12V-20A**

- › Auto-start feature
- › Active protections
- › Digital multi-functional display



**CHARGER**  
**BC004**  
Acid, AGM & Gel technology  
Ref. ACE-BC004

**6V/12V - 4.5A**  
L193.5xH46xW66.4

- › Memory function
- › Charge at full power
- › Selective charge mode



**INVERTER**  
**Inverter with Priorisation**  
Pure sine wave technology  
Ref. ACE-IPS1512 / ACE-IPS2012 / ACE-IPS2512

**12V/230V - 1500 to 2500W**  
W396xH78xD180 · 1.87kg

- › Built-in alarms
- › Auto-start feature
- › Controlled cooling
- › Remote control

**AC-E**  
ENERGY





**ACE**  
ENERGY

# CONVERTED VANS

Throughout all the manufacturing stages of our ACE Energy product range, from design to marketing, our philosophy remains the same: to make energy self-sufficiency easy and accessible.

Our all-in-one solutions come with all the equipment needed to power the vehicle interior, ensuring optimal comfort wherever you go.

To better protect the environment in line with our commitment to manage resources sustainably, we only manufacture and sell LiFePO<sub>4</sub> batteries.



# CONVERTED VANS

Your partner for vehicle and camper van energy autonomy.

Are you a manufacturer? Are you a van planner or just a passionate DIY enthusiast?

**We have the all-in-one solution for you!**

We manufacture custom-made boxes with already integrated modules, depending on your energy needs and the dimensions of your vehicle's interior. You just need to plug it in!



## INTEGRATED SYSTEM

### E-Box

The all-in-one energy solution  
Ref. ACE-BCV-20120

### 12V - 120Ah

L370xH355xP190 · 25kg

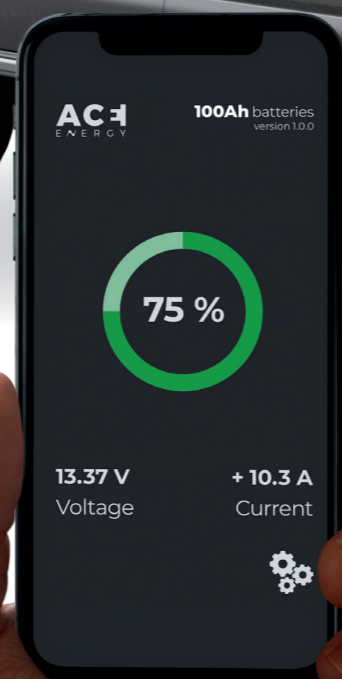
- › Fully integrated
- › Powerful and longer-lasting
- › Communication



## OPTION

### Auxiliary Battery

Increase your capacity by 120Ah  
Ref. ACE-AUX120



## ACCESSORIES

### D+ Wireless

Easy installation  
Ref. ACE-D-PLUS-SF

### 12V / 24V

L76xP56xH23 · 60g

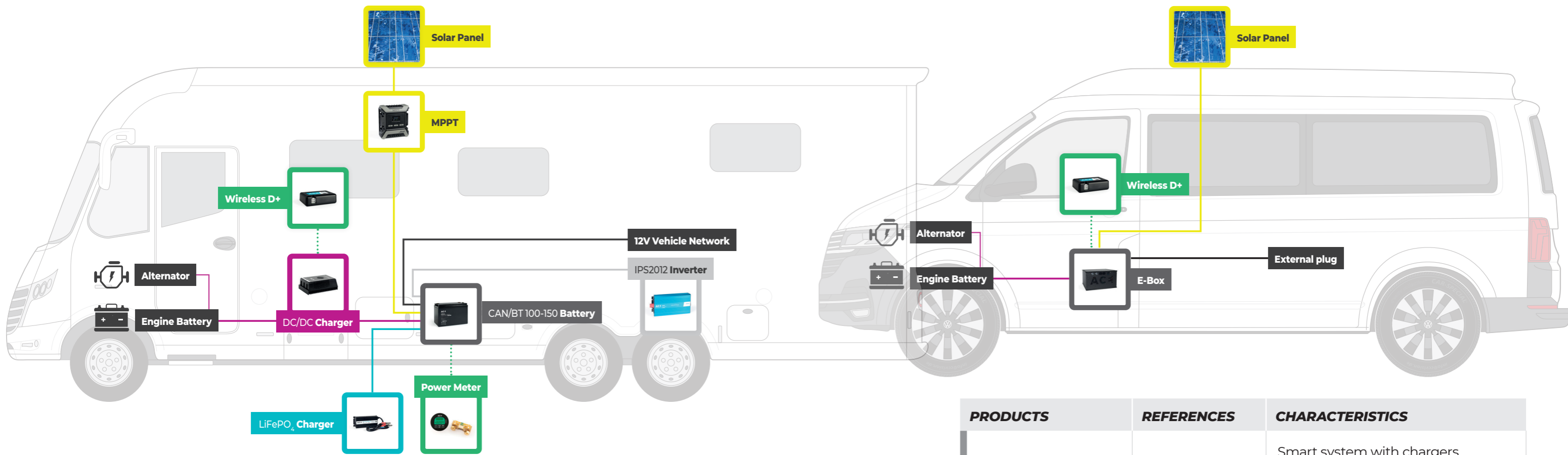
- › No wired connection to the alternator
- › Compatible with vehicles EURO 6 / 6+







# AC-E

ENERGY










PRODUCTS	REFERENCES	CHARACTERISTICS
 <b>Battery CAN/BT</b>	ACE-CANBT100	Long useful life Lower weight, more power Wide temperature range Safe, maintenance-free
 <b>Batteries HIC105BT HIC160BT</b>	ACE-HIC105BT ACE-HIC160BT	LiFePO <sub>4</sub> battery Bluetooth connection High discharge current accepted (1000A for 30 m)
 <b>DC/DC Charger</b>	ACE-DCDC20* ACE-DCDC50	Full control over service battery charging Euro 5-6-6+ compatible Integrated coupling relay
 <b>Inverter IPS12</b> <b>Inverter with prioritisation IPS12</b>	ACE-IPS1512 ACE-IPS2012 ACE-IPS2512 ACE-IPS1512I ACE-IPS2012I ACE-IPS2512I	Pure sine wave inverter USB and universal ports Built-in high voltage, overload and over-heating protections Remote ON/OFF button

\* Available january 2023



PRODUCTS	REFERENCES	CHARACTERISTICS
 <b>E-Box</b>	ACE-BCV15120 ACE-BCV20120  ACE-AUX120	Smart system with chargers, built-in converter and MPPT Bluetooth communication Built-in 230V power source prioritisation  Optional 120Ah auxiliary battery
 <b>LiFePO<sub>4</sub> Charger</b>	ACE-SC1220LFP ACE-SC1250LFP	LiFePO <sub>4</sub> -specific charger Active protections Auto-start feature
 <b>Régulateur Solaire</b>	ACE-PWM5020 ACE-MPPT20 ACE-MPPT10030	Compatible with gel/lithium battery Automatic 12-24V <sub>DC</sub> selection Highly efficient
 <b>Jauge</b>	ACE-PWC350	Battery coulometer Real-time current, voltage and energy autonomy readings
 <b>D+ Sans-Fil</b>	ACE-D-PLUS-SF	Easy installation Protects your vehicle battery No wired connection to the alternator



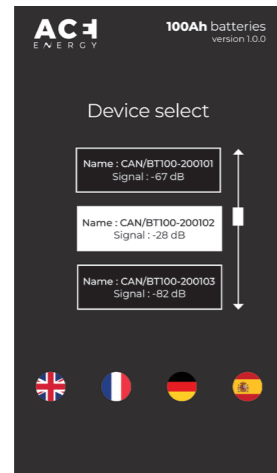
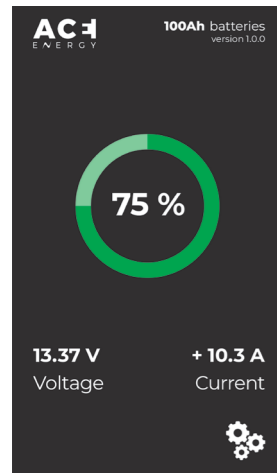
**Use**

- › Electric mobility
- › Solar energy storage/wind turbine
- › Inverter
- › Telecommunications
- › Lighting



**Lithium iron phosphate battery**

- › **Long useful life**  
Up to 4 000 cycles at 0,2C of charge and discharge.
- › **Light weight**  
About 40% lighter than an equivalent acid or GEL battery.
- › **Large temperature range**  
Operating temperature between -20°C and 60°C.
- › **Safe**  
The lithium iron phosphate technology eliminates the risk of explosion or combustion due to shock, overload or short circuit condition.
- › **Without maintenance**  
No self-discharge or maintenance needed.



App mobile Android

iOS

App mobile iOS

**Technical features**

**Charge characteristics**

**Charge characteristics**

**Protections**

**Communication**

**Environment**

**Mechanic**

	ACE-CANBT100
Reference	22100-0100B
Nominal voltage	12.8V
Nominal capacity	100Ah
Full battery voltage	98Ah (0.2C)
Rated power	14.4V
Internal resistance	1280Wh
Internal resistance	≤30mΩ
Useful life	≥4,000 cycles of 0.2C of charge/discharge
Self-discharge	<0.1% (-20°C to 45°C)
Configuration	4S28P
Working voltage	12.8V
Charging voltage	14.4V
Nominal charge current	≤50A
Maximum charge current	≤100A
Nominal discharge current	≤150A
Maximum discharge current	≤240A (<10s)
Built-in protections	overload deep charge heating cell balancing
Bluetooth	4.2 and above
CAN-Bus	CAN-Open automotive (option)
Charging temperature	0°C to 45°C
Discharge temperature	-20°C to 60°C
Storage temperature	-10°C to 40°C
Cell type	LFP
Case	Plastic
Dimensions	342x173x215mm
Weight	13.6kg
Screw terminals	Screw type M8 CAN PINS

**Use**

- › Electric mobility
- › Solar energy / wind turbine storage
- › Inverter
- › Telecommunications
- › Lighting

**Features**

- › **Long useful life**  
Up to 4000 cycles at 0.2 C charge and discharge.
- › **Light weight**  
About 40% of the weight of an equivalent acid or GEL battery.
- › **More powerful**  
Delivers twice the power as a lead-acid battery, even with a high discharge rate level, while keeping a high energy capacity. High discharge current accepted (1000A for 30 ms).
- › **Wide temperature range**  
Operating temperature ranging from -20 °C to 60 °C.
- › **Safe**  
The lithium iron phosphate technology eliminates the risk of explosion or combustion due to shock, overcharging or short circuit.
- › **Maintenance-free**  
No maintenance required.



**Technical features**

**Charge Characteristics**

**Discharge Characteristics**

**PCM Protection**

**Environment**

**Mechanic**

**Communication**

	ACE-HIC105BT	ACE-HIC160BT
Reference	22100-0100C	22100-0150C
Nominal voltage	12.8V	
Nominal capacity	105Ah / 1345Wh	160Ah / 2050Wh
Full battery voltage	14.4V	
Useful life	≥4 000 cycles à 0.2C de charge / décharge	
End-of-charge voltage	14.2V - 14.6V	
Recommended maximum charge current	50A	75A
Maximum charge current	100A	150A
Continuous discharge current	200A	
Maximum discharge current (<30s)	390A	
Admissible peak current (<30ms)	1000A	
Built-in protections	overcharging, deep discharge, heating, cell balancing	
Charging temperature	0°C à 45°C	
Discharge temperature	-20°C à 60°C	
Storage temperature	-40°C à 60°C	
Cell type	LFP	
Case	ABS	
Dimensions (mm)	342x173x215	TBA
Weight (kg)	13.6	26
Connection	M8	
Bluetooth	4.0 or higher	



### Features

- › Pure sine wave inverter
- › Auto-start feature
- › Multiple active protections
- › Highly efficient
- › 100% copper connectors



### Features

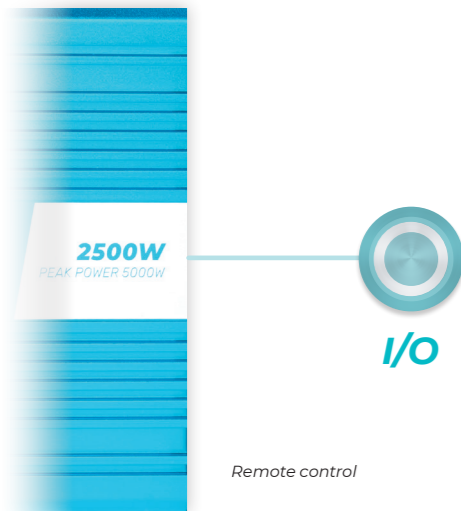
- › Pure sine wave inverter
- › Automatically preserves battery capacity when the vehicle is connected to the 230V power supply
- › Auto-start feature
- › Multiple active protections
- › Highly efficient
- › 100% copper connectors



### Connectivity

ACE-IPS series DC/AC inverters include a wired remote control option.

Completely plug-&-play by connection to the USB port, this remote control can be installed anywhere in your vehicle.



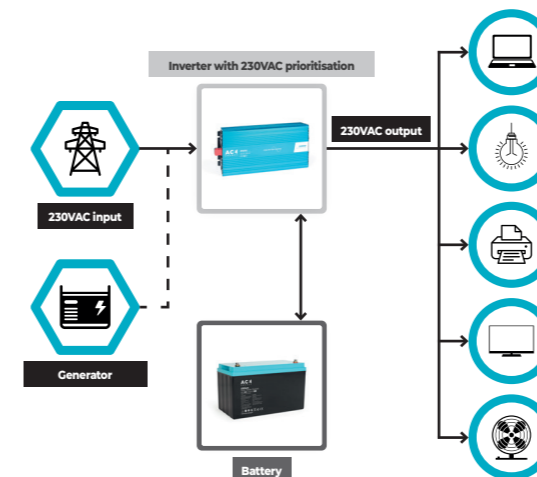
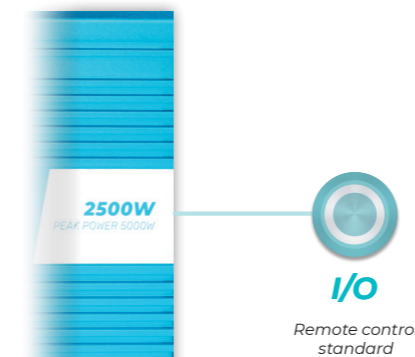
### Specifications

	ACE-IPS1512	ACE-IPS2012	ACE-IPS2512
Reference	11310-1512P	11310-2012P	11310-2512P
Rated power	1500W	2000W	2500W
Peak power	3000W	4000W	5000W
Input voltage	12VDC		
Output voltage	220VAC to 240VAC		
Self-consumption	1.1A		
Frequency	50Hz±0.5Hz or 60Hz±0.5Hz		
Wavelength quality	Pure sine wave		
Wavelength distortion	THD <3%		
USB port	5V 1A		
Efficiency	90%		
Permissible input voltage	10-15.5V		
Low voltage alarm	10.5±0.5V		
Low voltage protection	10±0.5V		
High voltage protection	15.5±0.5V		
Low voltage recovery	13±0.5V		
High voltage recovery	14.8V±0.5V		
Protection features	Low voltage	Alarm and reduced voltage. A red LED turns on followed by a complete stop.	
	High voltage	A red LED turns on followed by a complete stop.	
	Overload	A red LED turns on followed by a complete stop.	
	Over-heating	Alarm and reduced voltage. A red LED turns on followed by a complete stop.	
	Short circuit	A red LED light turns on.	
	Voltage inversion	Fuse breaker.	
Dimensions	310x135x58mm	420x200x100mm	500x200x100mm
Weight	3.5Kg	4.5Kg	5.5Kg

### Connectivity

ACE-IPS range DC/AC inverters include a wired remote control as standard.

This remote control, which is a plug-and-play device when connected to the USB port, can be installed at any time and anywhere in your vehicle.



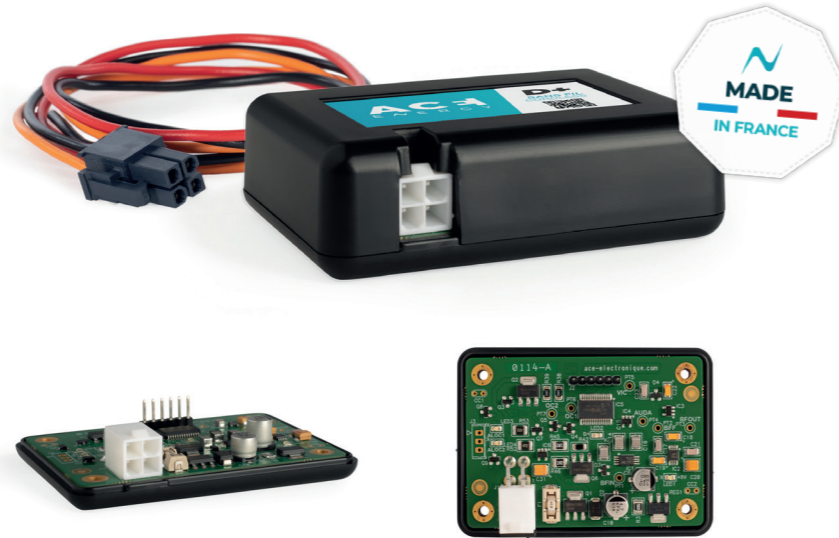
### Specifications

	ACE-IPS1512I	ACE-IPS2012I	ACE-IPS2512I
Reference	11310-1512I	11310-2012I	11310-2512I
Rated power	1500W	2000W	2500W
Peak power	3000W	4000W	5000W
Input voltage	12VDC		
Output voltage	220VAC à 240VAC		
Self-consumption	1.1A		
Frequency	50Hz±0.5Hz ou 60Hz±0.5Hz		
Wavelength quality	Pure sine wave		
Wavelength distortion	THD <3%		
USB port	5V 1A		
Efficiency	90%		
Permissible input voltage	10-15.5V		
Low voltage alarm	10.5±0.5V		
Low voltage protection	10±0.5V		
High voltage protection	15.5±0.5V		
Low voltage recovery	13±0.5V		
High voltage recovery	14.8V±0.5V		
Protection features	Low voltage	Alarm and reduced voltage. A red LED turns on followed by a complete stop.	
	High voltage	A red LED turns on followed by a complete stop.	
	Overload	A red LED turns on followed by a complete stop.	
	Over-heating	Alarm and reduced voltage. A red LED turns on followed by a complete stop.	
	Short circuit	A red LED light turns on.	
	Voltage inversion	Fuse breaker.	
Dimensions (mm)	340x170x92	420x220x92	500x200x92
Weight (kg)	3.5	4.5	5.5



**Use**

- › With ACE Energy's D+ Wireless box, your installation is under control! This signal allows you to determine if the engine is running, and, in turn, activate certain equipment for which the signal is required.
- › Wireless innovation: on many modern vehicles (mainly EURO 6), this signal is sometimes impossible to be captured directly on the alternator. Our wireless D+ box detects the start and stop of the alternator with no wired connection to it, and activates the desired equipment only when the engine is running.



**Features**

- › Simplifies your installation
- › Without a wired connection to the alternator
- › Compatible with EURO 6 / 6+ vehicle

**Specifications**

	ACE-D-PLUS-SF
Reference	10100-0114A
Dimensions	L76xP56xH23mm
Weight	60g

**Smart**

- › The Buck Boost DC / DC Charger has been specially designed to **fully control the charge cycle of an auxiliary battery**. It must be installed in vehicles equipped with smart alternator control (Euro5+, 6, 6.2); its installation also ensures **general alternator protection** in lithium systems.
- › To ensure that the vehicle's start-up battery is always charged first, the Buck Boost DC / DC charger supplies power to the auxiliary battery, but **only when the engine is running** (D+ detection).

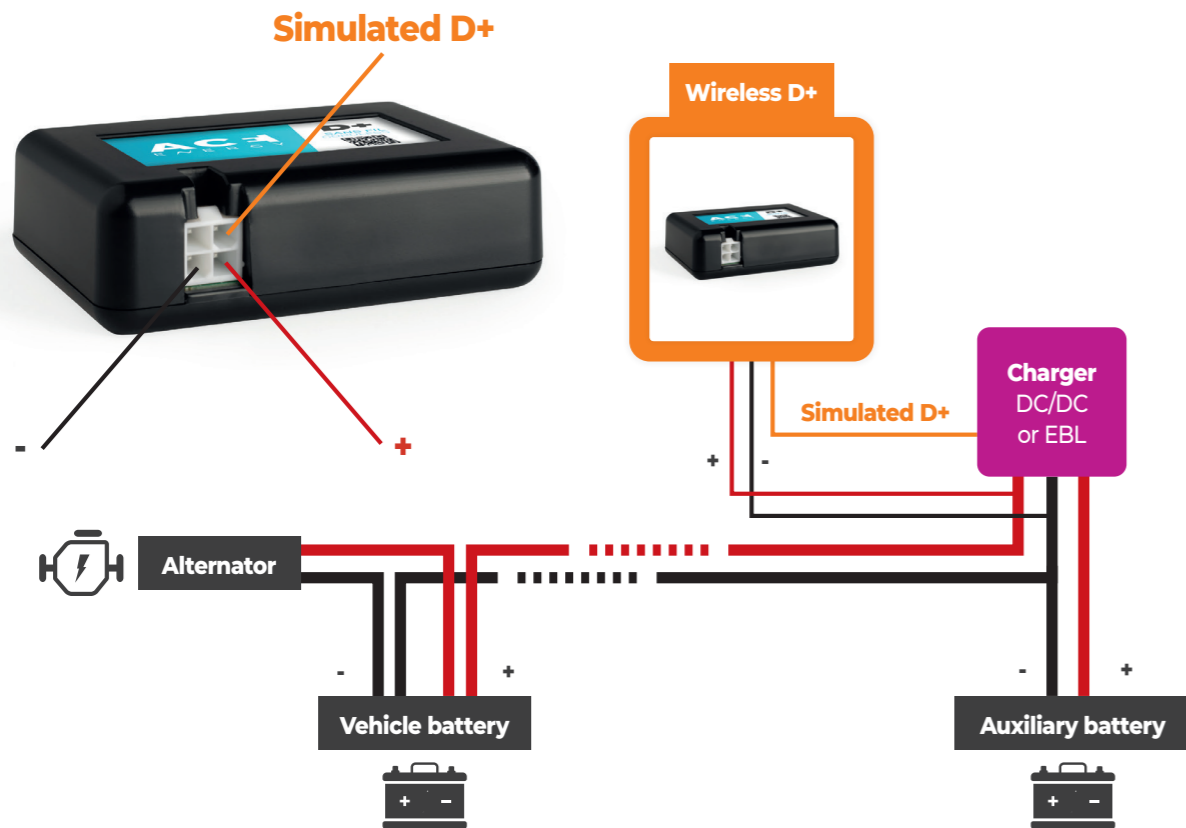
**Adaptable**

- › The Buck-Boost DC / DC charger can be installed in the vehicle's original power line (smart connect), **thanks to the By-Pass function of the built-in coupling relay, which enables auxiliary power to be maintained when the engine is turned off**. It can also be connected directly to the vehicle's start-up battery (dedicated line).
- › The charging profile of the auxiliary battery (Gel / AGM or LiFePO<sub>4</sub>), as well as the type of connection (smart connect\*, dedicated line\*\*) can be set-up **easily** by simply turning a switch.



**Specifications**

	ACE-DCDC50A	
Reference	10110-0050B	
Applicable load voltage	> 12.5 V <sub>DC</sub>	
Decoupling voltage discharge	< 11 V <sub>DC</sub> (vehicle battery) or < 12.2V <sub>DC</sub> (D+)	
Decoupling voltage charge	> 13.8V <sub>DC</sub> (GEL / AGM) or > 14.65V <sub>DC</sub> (LiFePO <sub>4</sub> )	
Charge current	Smart connect*	50 A
	Dedicated line**	60 A
Standby consumption	50mA	
Operating temperature	-20°C / +60°C	
Weight	1.35 Kg	
Dimensions	200 x 125 x 70 mm	
Certifications	E57 10R06/00 0112	



Configuration	LED1	LED2
Switch 1 - ON: Dedicated line**	Off	Orange 3 sec.
Switch 1 - OFF: Smart Connect*	Orange 3 sec.	Off
Switch 2 - ON: GEL/AGM battery	Off	Green 3 sec.
Switch 2 - ON: LiFePO <sub>4</sub> battery	Green 3 sec.	Off

\*Smart connect: Connection to the vehicle original electrical system  
 \*\*Dedicated line: Installation of a specific power cable between the vehicle battery and the cell battery, with its length being calculated according to the distance separating the two pieces of equipment.



## Features

- › PWC350 is a **high precision battery capacity meter** (coulometer), which can measure **voltage, current** and **capacity** of battery to allow users to know the state of charge of the battery.
- › PWC350 have **memory function**.
- › It is **suitable for** mobile and portable equipments, e-bike, balance cars, cleaning machines, instruments, UPS, etc...
- › **Supplied cable:** 5m or 10m

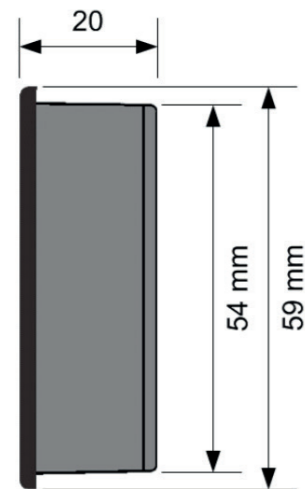


## Physical Dimension

Front Diameter	59mm (2.32 inches)
Back Diameter	54mm (2.13 inches)
Depth	20mm (0.79 inches)

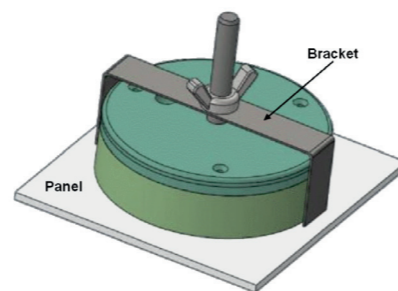
## General Information

Reference	10310-0350A / 10310-0350B
Working Voltage	8-80V
Working Current	0-500A
Battery Capacity	0-999Ah
Weight	410g (coulometer + shunt)
Battery type	Li-ion, LiFePO <sub>4</sub> , NiCd, NiMH, Lead acid, Gel and AGM



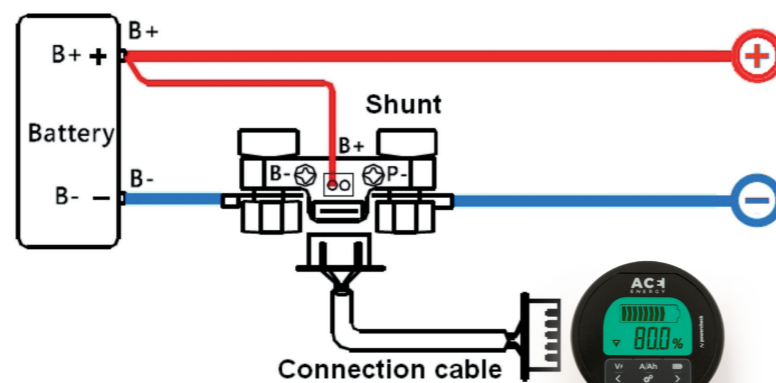
## Mounting Sequence

- › Make a **54mm diameter hole** in the panel.
- › **Install** the battery monitor.
- › **Tighten the bracket** on the back of the PWC350 monitor.



## Connection diagram

- › **Connect the shunt** only on the negative pole of the battery.
- › The wire connecting the pole plus of the battery to the shunt must have a **minimum section of 0.5 mm<sup>2</sup>**.

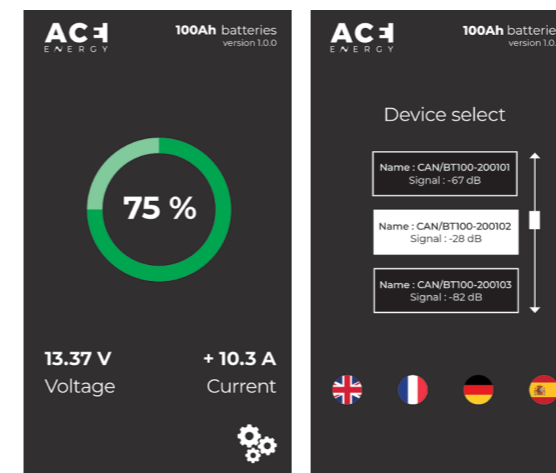


## Description

- › With an integrated LiFePO<sub>4</sub> battery, the E-Box offers you an all-in-one solution for your vehicle's energy autonomy.
- › Specially designed to fit under the passenger seat, this battery covers all the electrical needs of the adapted cell while taking up minimal space.
- › As an optional feature, you can also integrate the 12V distribution panel.

## Features

- › **Fully integrated**  
A single box containing the LiFePO<sub>4</sub> battery, the DC/DC charger, the AC/DC charger, the MPPT solar charge controller and the DC/AC converter.
- › **More powerful and longer-lasting**  
Provides twice as much power as a lead battery while maintaining a high energy capacity. Up to 2500 cycles at 0.5 C charge and discharge.
- › **Wide temperature range**  
Operating temperature ranging from -20 °C to 60 °C.
- › **Power supply prioritisation**  
Thanks to the Box ACE Energy's built-in power prioritisation board, you can automatically manage the 230V<sub>AC</sub> power supply when the vehicle is connected to the power supply via the external outlet.
- › **Communication**  
Control the battery charging level and status via a dedicated mobile app.



## Technical features

### DC-DC charger

### AC-DC charger

### Solar charger

### DC-AC converter

### Mechanic

### Communication

	BCV-15120	BCV-20120
Reference	10310-1500W	10310-2000W
Nominal voltage	12.8V	
Nominal capacity	120Ah	
Full battery voltage	14.6V	
Rated power	1530Wh	
Internal resistance	≤30mΩ	
Charge current	≤100A	
Discharge current	200A	
Peak current	400A	
Useful life	≥2500 cycles	
Self-discharge	<3%	
Applicable voltage	12-16V	
Charge current	50 to 70A (dedicated line)	
Automatic D+ detection	Optional	
Applicable voltage	230-240V <sub>AC</sub> / 50Hz	
Charge current	20A	
Applicable voltage	≤80V	
Charge current	20A	
Maximum power	290W	
Output voltage	230-240V <sub>AC</sub> / 50Hz	
Rated power	1500W	2000W
Peak power	3000W	4000W
Material	Painted steel	
Dimensions	350 x 370 x 210 mm	
Weight	25kg	
Bluetooth 4.2	Android and iOS mobile app	



**OPTION**  
**Auxiliary battery**  
Increase your capacity to 240Ah with auxiliary battery  
Ref. ACE-AUX120



## Features

- › With **auto memory** function after power restart
- › **Full power** charging
- › Selective mode for all technologies
- › Floating mode for wintering
- › Compatible with Acid, Gel, AGM and LiFePO<sub>4</sub> batteries



## Physical Dimension

Length	193.5mm
Width	66.4mm
Height	46mm

## General Information

Reference	11000-BC004
Input Voltage	100-240VAC/50Hz
Input Cable	With Cable (Desktop Case)
Charging Battery Type	12V Lead Acid: 1.2AH - 120AH 6V Lead Acid: 1.2AH - 14AH
Restore Dead Battery Function	6V & 12V Battery
Abnormality Protection	Short Circuit Battery Defective and Reverse Connection
Charging Mode	6 Steps With Fully Automatic Switch Mode
Material Of Housing	UV Resistant Polycarbonate
Proof Water Grade	IP65
Approval	CE / GS
Application	Used in Car, Motorcycles, Vehicles
Cycle Use Voltage	14.6 V-14.8 V @ 25°C Temperature Compensation: -4mV/°C/Cell
Operating Temperature Range	Discharge: -20°C-60°C Charge: 0°C-50°C Storage: -20°C-60°C

## Specifications

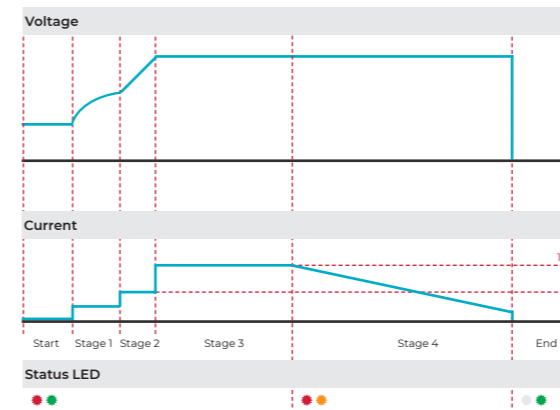
Charging Current	1A or 4.5A (according to the model)
Charging Voltage	6V / 12V
<b>For battery</b>	
Open WET	✓
Maintenance Free	✓
AGM/VRLA	✓
Calcium	✓
To Charge Battery Capacity	14Ah - 120Ah
To Maintain Battery Capacity	14Ah - 150Ah
Microprocessor Controlled	✓
<b>Charging steps</b>	
Float Charge	✓
Overcharge Protection	✓
Allow for Safe Continuous Charge	✓
Boost	
Recovery Function	✓
IP Rating	
<b>Charging status indications</b>	
Battery Defect	✓
Wrong Connection	✓
Wrong Polarity	✓
Short Circuit	✓
Charging Progress Indication	✓
Full Charge Indication	✓
230V Power On	✓
Built-in Protection	✓
EMC Free	✓
Spark Free Protection	✓

## Features

- › Specific charger LiFePO<sub>4</sub>
- › Auto-start feature
- › Multiple active protection
- › Highly efficient
- › Digital multi-functional display



## Charging curve



## Specifications

	ACE-SC1220LFP
Reference	11030-0020B
Input voltage	100-240 V <sub>AC</sub>
Frequency	47-63 Hz
Output voltage	14.6 V <sub>DC</sub> +/- 0.2 V
Output current	20 A
Charge start (<10% current)	2 A
Stage 1 (<2.5V/cells)	5 A
Stage 2 (<2.9V/cells)	10 A
Stage 3 (constant current)	20 A
Stage 4 (constant voltage)	12.4 V <sub>DC</sub>
End of charge (<5% current)	1 A
Reverse voltage protection	Automatic
Short circuit protection	Automatic
High voltage protection	Current limitation
Temperature protection	Controlled fan speed
Dimensions	118 x 58 x 190 mm
Weight	1.2 Kg

### Commissioning:

- 1 Connect the charger directly to the LiFePO<sub>4</sub> battery.
- 2 Start the charger. The status LEDs confirm its operation mode. Control the smooth running of operations with the digital multi-functional display.

### Notes:

- 1 This charger is specifically designed for type LiFePO<sub>4</sub> batteries. It is not suitable for other battery technologies.
- 2 Always put the charger in a dry and correctly ventilated area.
- 3 The aluminium case helps regulate the heat generated by the charger in operation. For safety reasons, it is advised not to touch the case once the charger is on, its temperature could occasionally reach 50°C.



### Features

- › PWM solar controller
- › Gel/lithium battery compatible
- › Automatic 12-24V<sub>DC</sub> selection
- › Highly efficient



ACE-PWM5020

### Specifications

	PWM5020
Reference	11101-5020A
Battery voltage	12-24V <sub>DC</sub> (automatic detection)
Charge current	20A
Solar panel input voltage	< 50V <sub>DC</sub>
Balancing	14.6V (settable)
End of charge	13.7V (settable)
Low Voltage Protection	10.7V (settable)
Charge reconnection	12.6V (settable)
USB Port	5V / 3A
Self-consumption	< 10mA
Operating temperature	-35 à +60°C
Dimensions	150x78x35mm
Weight	150 gr.

### Features

- › MPPT 20A solar controller
- › Gel/lithium battery compatible
- › Automatic 12-24-48V<sub>DC</sub> selection
- › Highly efficient



ACE-MPPT20

### Specifications

	MPPT20
Référence	11100-05020
Battery voltage	12-24-48V <sub>DC</sub> (automatic detection)
Charge current	20A
Solar panel input voltage	< 80V <sub>DC</sub>
Température de fonctionnement	-20 to +40°C
Dimensions	130x156x50mm
Weight	0.55Kg

### Features

- › MPPT 30A solar controller
- › Gel/lithium battery compatible
- › Automatic 12-24V<sub>DC</sub> selection
- › Highly efficient



ACE-MPPT10030

### Specifications

	MPPT10030
Reference	11100-10030
Battery voltage	12-24V <sub>DC</sub> (automatic detection)
Charge current	30A
Solar panel input voltage	< 100V <sub>DC</sub>
Minimum V <sub>mp</sub>	battery voltage +2V
Charge start	battery voltage +3V
Low Voltage Protection	10.5V (settable)
Efficiency	99.5%
Self-consumption	0.5 to 1.2W
Operating temperature	-20 to +50°C
Dimensions	289x212x105mm
Weight	1.98Kg

### Features

- › The ACE-CP300A circuit breaker is a two-position disconnect switch that allows you to secure your battery park during the winter. With just a single action, you can cut off all residual consumption to protect your battery from deep discharge.



### Assembly

- › Surface mounting.
- › Connection type M10.

### Specifications

Reference	46011-0300A
Width	69 mm
Length	69 mm
Depth	75 mm

Nominal voltage	12-24V
Rated current 12V	0-300A
Rated current 24V	0-150A
Instantaneous current 12V	1000A
Weight	268g



Câbles

- › ACE Energy will support you at every stage of your installation, with a reference panel covering all cabling and connector needs.
- › Wide range of catalogue references or specific cable designs on request.



Type	Colour	0.5 m	1 m	2 m	5 m	10 m
Cable 35mm <sup>2</sup>	Red	ACE-CBR35005	ACE-CBR35010	ACE-CBR35020	ACE-CBR35050	ACE-CBR35100
	Black	ACE-CBN35005	ACE-CBN35010	ACE-CBN35020	ACE-CBN35050	ACE-CBN35100
Cable 25mm <sup>2</sup>	Red	ACE-CBR25005	ACE-CBR25010	ACE-CBR25020	ACE-CBR25050	ACE-CBR25100
	Black	ACE-CBN25005	ACE-CBN25010	ACE-CBN25020	ACE-CBN25050	ACE-CBN25100
Cable 16mm <sup>2</sup>	Red	ACE-CBR16005	ACE-CBR16010	ACE-CBR16020	ACE-CBR16050	ACE-CBR16100
	Black	ACE-CBN16005	ACE-CBN16010	ACE-CBN16020	ACE-CBN16050	ACE-CBN16100
Cable 10mm <sup>2</sup>	Red	ACE-CBR10005	ACE-CBR10010	ACE-CBR10020	ACE-CBR10050	ACE-CBR10100
	Black	ACE-CBN10005	ACE-CBN10010	ACE-CBN10020	ACE-CBN10050	ACE-CBN10100
Cable 6mm <sup>2</sup>	Red	ACE-CBR06005	ACE-CBR06010	ACE-CBR06020	ACE-CBR06050	ACE-CBR06100
	Black	ACE-CBN06005	ACE-CBN06010	ACE-CBN06020	ACE-CBN06050	ACE-CBN06100
Cable 4mm <sup>2</sup>	Red	ACE-CBR04005	ACE-CBR04010	ACE-CBR04020	ACE-CBR04050	ACE-CBR04100
	Black	ACE-CBN04005	ACE-CBN04010	ACE-CBN04020	ACE-CBN04050	ACE-CBN04100



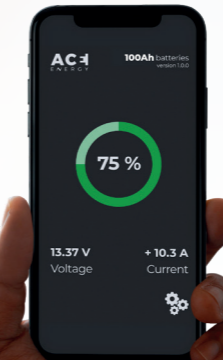
Our design office will help you measure and configure your portable solar panel systems.

- › Flexible and rigid panels
- › 12V / 24V configurations
- › Wide range of voltage regulators

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