

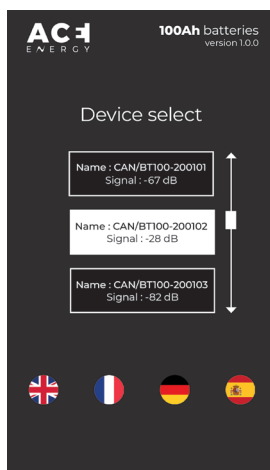
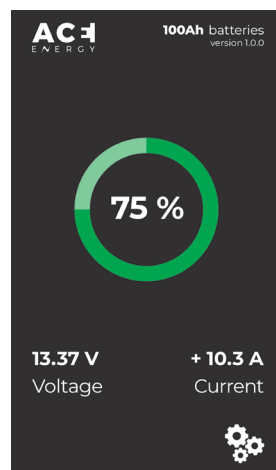
## Description

- › 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.



<b>Technical features</b>	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	150A	200A
	Peak current	300A	400A
	Useful life	≥2500 cycles	
<b>DC-DC charger</b>	Applicable voltage	12-16V	
	Charge current	50 to 70A (dedicated line)	
	Automatic D+ detection	Optional	
<b>AC-DC charger</b>	Applicable voltage	230-240V <sub>AC</sub> / 50Hz	
	Charge current	20A	
<b>Solar charger</b>	Applicable voltage	≤80V	
	Charge current	20A	
	Maximum power	290W	
<b>DC-AC converter</b>	Output voltage	230-240V <sub>AC</sub> / 50Hz	
	Rated power	1500W	2000W
	Peak power	3000W	4000W
	Materials	ABS + PEHD	
<b>Mechanic</b>	Dimensions	350 x 370 x 210 mm	
	Weight	25kg	
<b>Communication</b>	Bluetooth 4.2	Android and iOS mobile app	



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