

Description

With an integrated LiFePO4 battery, the E-Case (Suitcase on wheels) offers you an all-in-one solution for energy autonomy wherever you are.

Features

› Fully integrated

A single case containing the LiFePO4 battery, the DC/DC charger (option), 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. Very high cycle life (over 4000 cycles at 80% DoD).

› Priorisation

Designed and assembled in France The integrated power prioritisation card automatically manages the 230VAC output when the mains supply is present.

› Communication

Control the battery charging level and status via a dedicated mobile app.



Specifications

	E-Case100	E-Case130	E-Case160	
Battery characteristics	Nominal voltage	12.8 V		
	Nominal capacity	100 Ah	130 Ah	160 Ah
	Full battery voltage	14.6 V		
	Internal resistance	≤ 30mΩ		
	Charge current	25 A	50 A	50 A
	Discharge current	100 A	200 A	200 A
	Useful life	≥ 4000 cycles to 80% of DoD		
DC-DC charger (Optional)	Applicable voltage	12 to 16 V		
	Charge current	50 A		
D+ cordless	Automatic detection	Optional		
AC-DC charger	Applicable voltage	230-240 V _{AC} / 50 Hz		
	Charge current	20 A		
Solar Charger	Applicable voltage	≤ 80 V		
	Charge current	20 A		
	Maximum power	290 W		
DC-AC Converter	Output voltage	230-240 V _{AC} / 50 Hz		
	Rate power	1500 W	2000 W	
	Peak power	2000 W	4000 W	
Mechanic	Dimensions (cm)	90 x 25 x 38		
	Weight	20 kg	23 kg	25 kg
Communication	Bluetooth	Android & iOS mobile app		
Certification	R10	Battery pack	E57* 10R06/02*085*00	
		DC/DC 50A charger	E57* 10R06/01*412*00	
		Converter	E57* 10R06/05*570*00	



Android Mobile App



iOS Mobile App