

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 | | |



Android Mobile App



iOS Mobile App