

Container version

Energy conversion and storage unit that can be interconnected with external energy sources (PV, grid, generator).



Exemple of a 20' container

Technical specifications

Power battery charger	from 30 to 135kVA
Power PV inverter	from 25 to 100kVA
Battery capacity	43,2 to 172kWh

Product characteristics

Length × Width × Height (m)	6,06 x 2,44 x 2,6
Weight (t)	5 to 16
Technical room	Isolated and air-conditioned
Handling	Top lifting via ISO corners
CSC Certificate	Yes

Battery system

Cells technology	Lithium Iron Phosphate (LiFePO4)
Voltage	48V
Nominal capacity	4,8kWh/battery pack
Battery life cycles	>8000 at 25°C and 90% DoD
Maximum continuous charge/ current discharge	100A

The strong points of the Solar Hybrid Box®

- System ready to be connected to external sources
- Customized container color and logo
- Plug and Play
- Forced ventilation / Air-conditioned
- High solar connection capacity, up to 135 kWp.
- Simplified commissioning, no specialized installer required

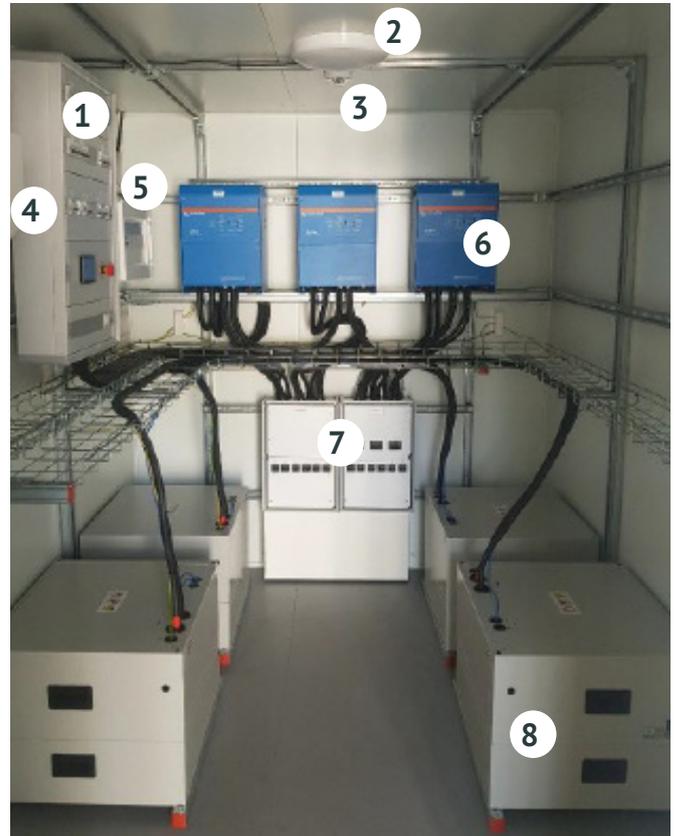


SOLAR HYBRID BOX®

Container version



- 1 Container
- 2 Isolated and air-conditioned room



- 1 Electrical box
- 2 Light
- 3 Smoke detector
- 4 Air-conditioning
- 5 DC distribution box
- 6 Hybrid inverters
- 7 DC protection box
- 8 Batteries

Options

Customized container color and logo
Scalable and measure adapted battery configuration in multiples of 4.8 kWh