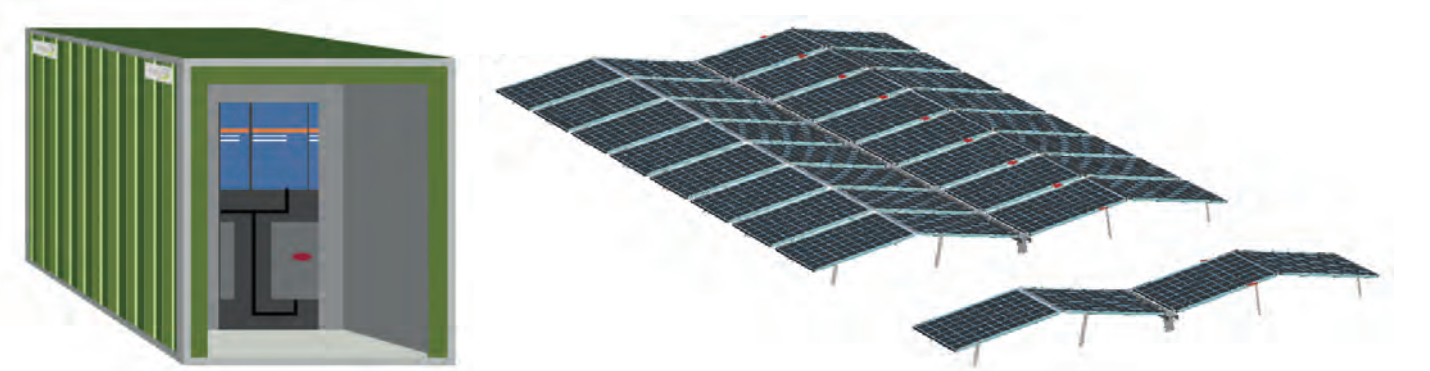


## The semi-mobile solar solution for your 6 months to 10 years projects.

The Mobil-Grid® is an ISO-standard, CSC-approved maritime container that integrates a photovoltaic power plant, ready to be deployed and connected, with integrated control cell and batteries.



### Mobil-Grid® Technical Specifications

#### Characteristics and Implementation of the Container

Length (m)	6.06
Width (m)	2.44
Height (m)	2.59
Container	ISO, CSC, SOC container
Discharge method	Crane, forklift or container legs
Set up time	Between 1 and 2 days depending on power (for 3 people)
Weight of the container with the system (T)	Between 6 and 16 (depending on power)
Transport	Truck or sea

#### System Modularity

Wing of 4 panels	1.6 kWp
Ground space per wing	7.50 x 1.30 = 9.75 m <sup>2</sup>
Height (m)	0.55
Capacity	Up to 44 wings in a 20-foot container

#### Photovoltaic system

PV Module Technology	Monocrystalline
Module Quantity	44 to 176
Module Power	410 Wp*
Total Power	Up to 72 kWp in 20 ft on-grid Up to 54 kWp - 91 kWp off-grid

#### Conversion System

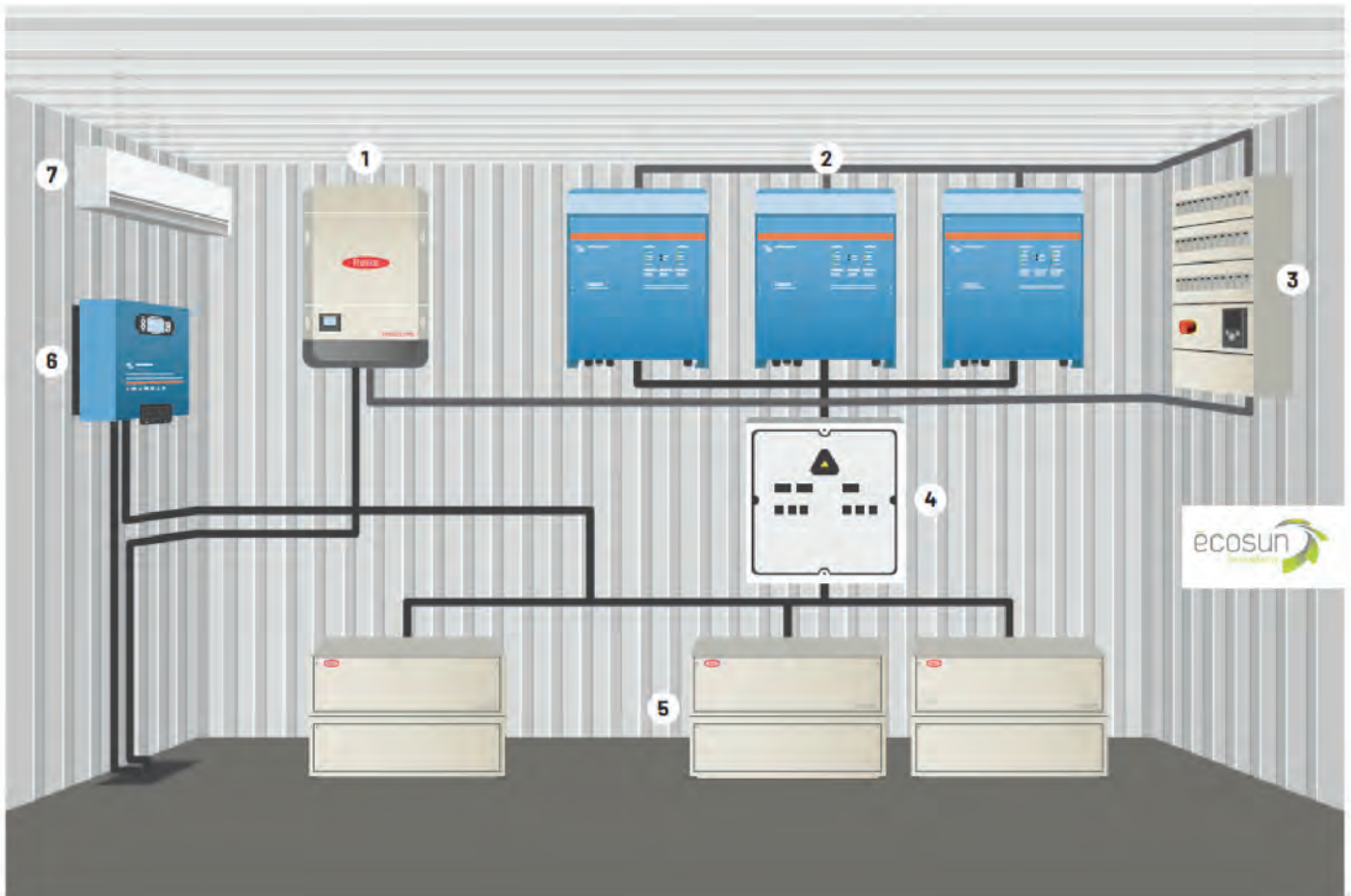
Battery Inverter	Single phase or three-phase
Photovoltaic Inverter	Single phase or three-phase

#### Options

Energy Conversion and storage unit in the same container  
Exterior colour and logos are customizable

#### Applications

Humanitarian, eco-tourism, construction sites, agriculture, rural electrification, energy producers, mines, bases camps, and island areas.



- 1 Photovoltaic inverter: conversion of DC current to AC current
- 2 Bidirectional inverters: charging and discharging batteries
- 3 AC protection box with supervision screen
- 4 DC protection box
- 5 Batteries
- 6 MPPT regulator
- 7 Air conditioner

### Mobile-Grid® Advantages

- Plug & Play semi-mobile solution, to be placed on a flat and compacted floor
- Insulated, air-conditioned, pre-wired and pre-tested technical room
- Pre-assembled modules per set of 8 panels (3 to 3,5 kWp/wing)
- Rapid deployment of solar panels (between 1/2 day and 2 days depending on system size)
- Wiring according to European standards
- Safe and easy access for maintenance
- CE compliant product

Made in France

Examples of Realization: Mobil-Grid®

