

The mobile solar solution for short-term projects and mobile operations

The Mobile-Watt® is a solar plant equipped in an ISO sea container, CSC approved. This container includes a pre-wired and pre-cabled conversion and storage unit.



Technical Specifications Of The Range (8 versions available from 7.2 to 68 kWp)

Characteristics and implementation of the container

Length (m)	6.06
Width (m)	2.44
Height (m)	2.59
Container	ISO, CSC, SOC 20 feet container
Discharge method	Crane, forklift or container legs
Deployment time	Between 1 and 5 hours
Equipped container weight (t)	Between 6 and 11 (depending the power)
Transport	Truck or sea
Standard color	RAL 9010

Photovoltaic system deployed

Length (m)	Between 23 and 35
Width (m)	Between 6.44 and 12.5
Height (m)	3.09

Photovoltaic system

Module PV technology	Monocrystalline, glass or flexible
Module quantity	16 to 174
Module Power	390 Wp*
Total off-grid power	Between 7.2 and 68 kWp

Conversion system

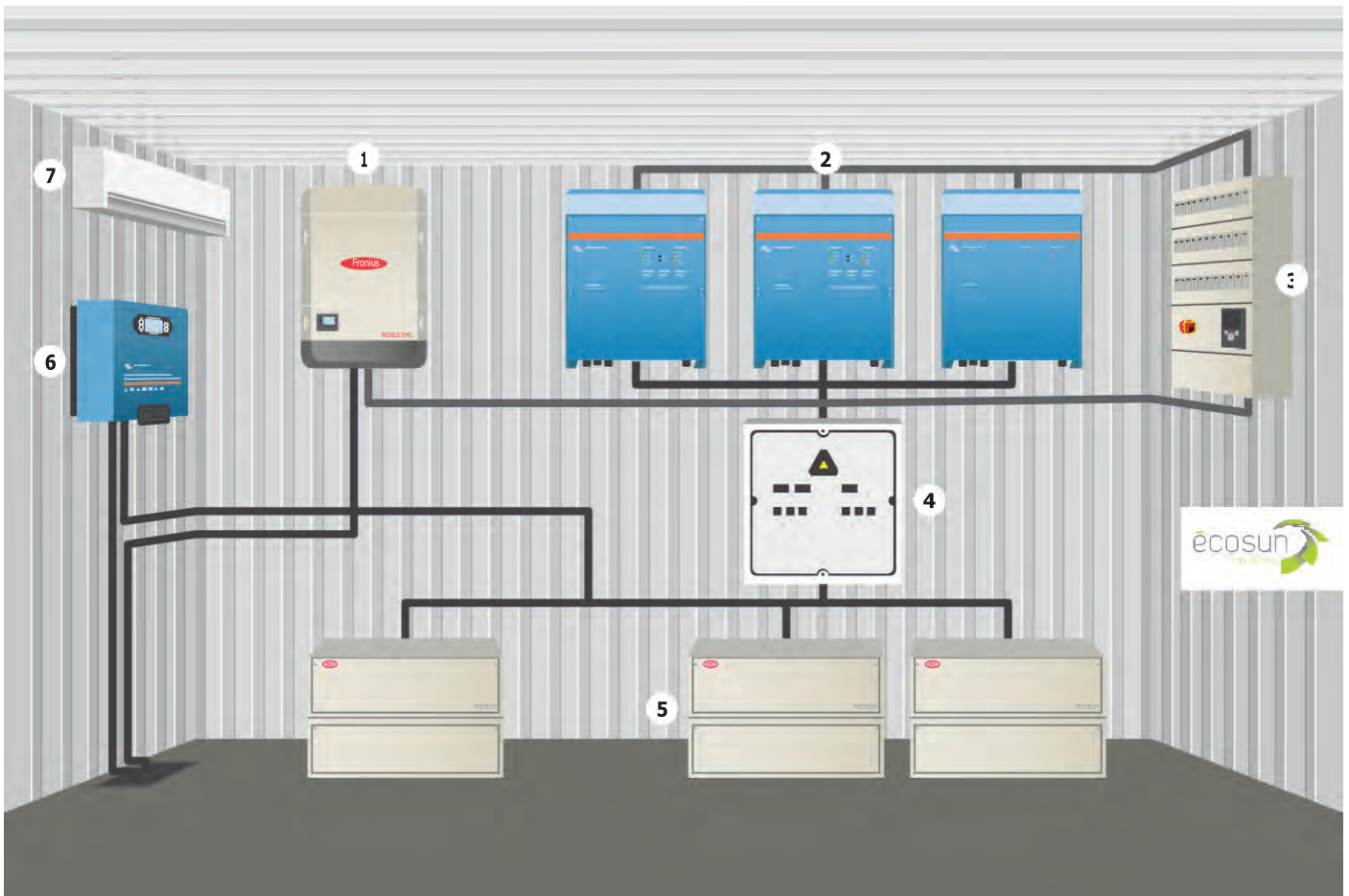
Battery inverter	Single or three-phase Up to 45 kVA
Photovoltaic inverter	Single or three-phase Up to 45 kVA

Batteries system

Technology	Lithium Fer Phosphate (LiFePO4)
Normal Capacity	Until 90 kWh*
Tension	48 V

Applications

Humanitarian, eco-tourism, mobile work sites, military, telecom, agriculture, rural electrification, energy supply, mines, base camps, water and waste treatment, island areas, crisis situations.



Mobile-Watt® Advantages

- Mobile solution fully Plug and Play, no civil engineering needed
- System fully pre-wired, pre-assembled and pre-tested with insulated and air-conditioned control room
- Easy deployment of the solar panels (between 1 and 5 hours following the size of the system)
- Wiring according to European standards
- Safe and easy access for maintenance operations
- CE compliant products
- 🇫🇷 Made in France

- 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

Examples of Realization: Mobil-Watt®

