

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

Mobil-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

Modules PV technology	Monocristallin, glass or flexible
Modules quantity	16 to 174
Modules power	390 Wp*
Total power	Between 7.2 and 68 kWp

Conversion system

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

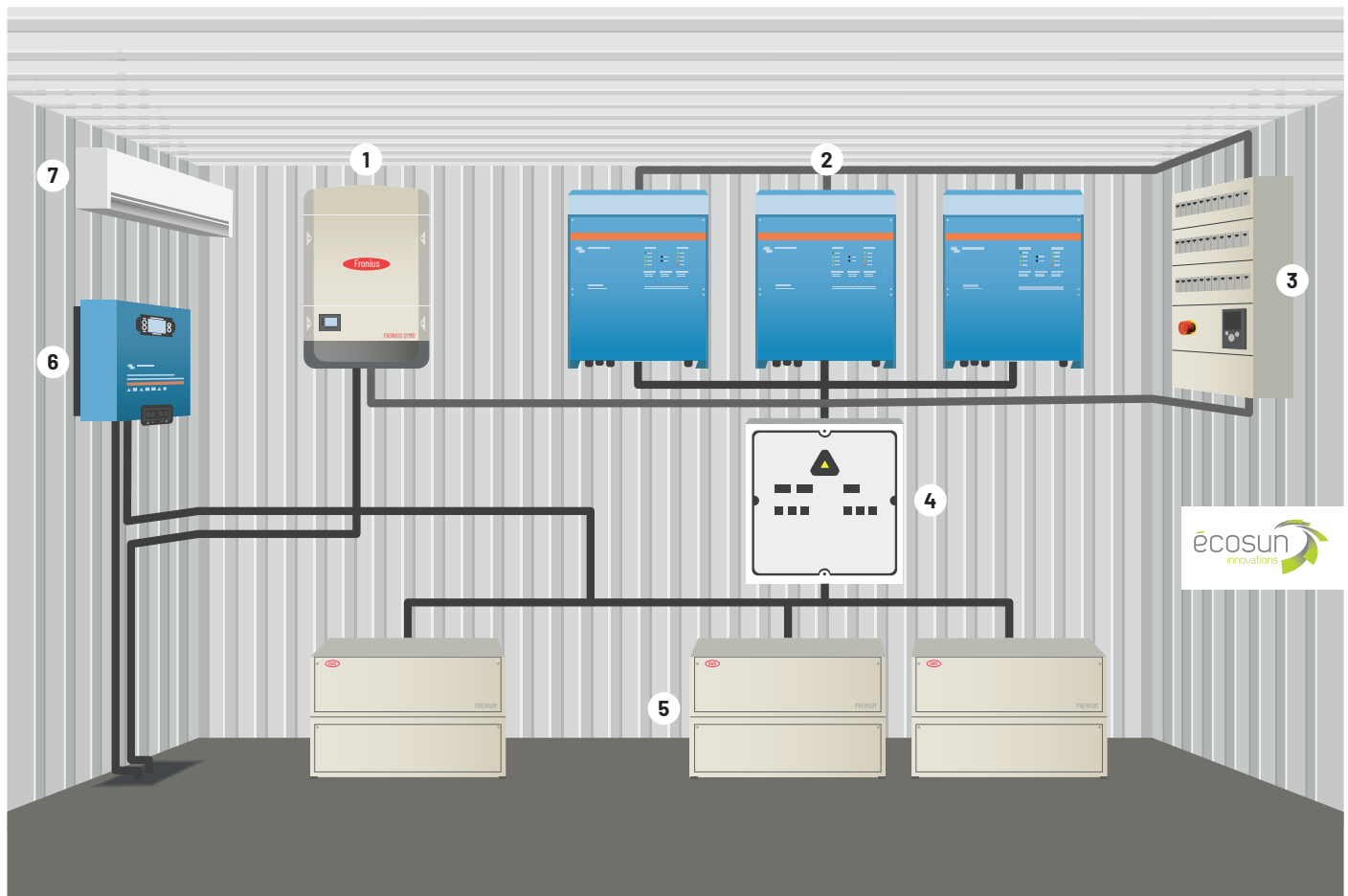
Batteries system

Technology	Lithium Fer Phosphate (LiFePO4)
Nominal 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.

*Depending on components availability



- 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

Mobil-Watt® advantages

- Mobile solution fully Plug and Play,
no civil works 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 depending the
power)
- Safe and easy access for maintenance
operations

🇫🇷 Made in France