

The Fix-Watt® is an ISO sea container, CSC certified, which integrates a photovoltaic power plant, ready to be deployed on the ground via ballast boxes. This container can optionally be equipped with a fully pre-wired and pre-tested conversion and/or energy storage unit.



Ground-mounted PV - power plant



Container On-grid with conversion unit

Available in 3 versions:

- Solar field only (ballast system + PV)
- Solar field On-grid (ballast system + PV + electrical box + inverter)
- Solar field Off-grid (ballast system + PV + conversion + batteries)

Technical specifications of the range - *Quote upon request*

Products characteristics - Container Fix-Watt®

Length (m)	3 or 6 or 12
Width (m)	2,44
Height (m)	2,59
Container	SOC container (10,20 or 40 foot depending on power)
Weight (T)	Between 6 and 18
Handling	Via ISO corners
Deployment time	Around 3h/kWp

Deployed solar field

PV module technology	Monocrystalline
Area required	Around 6m ² /kWp
Support structure	Ballast system
Orientation	South or East/West

Conversion system (On-grid version)

Inverter power	Until 125 kVA
Photovoltaic inverter	Single phase or three phase

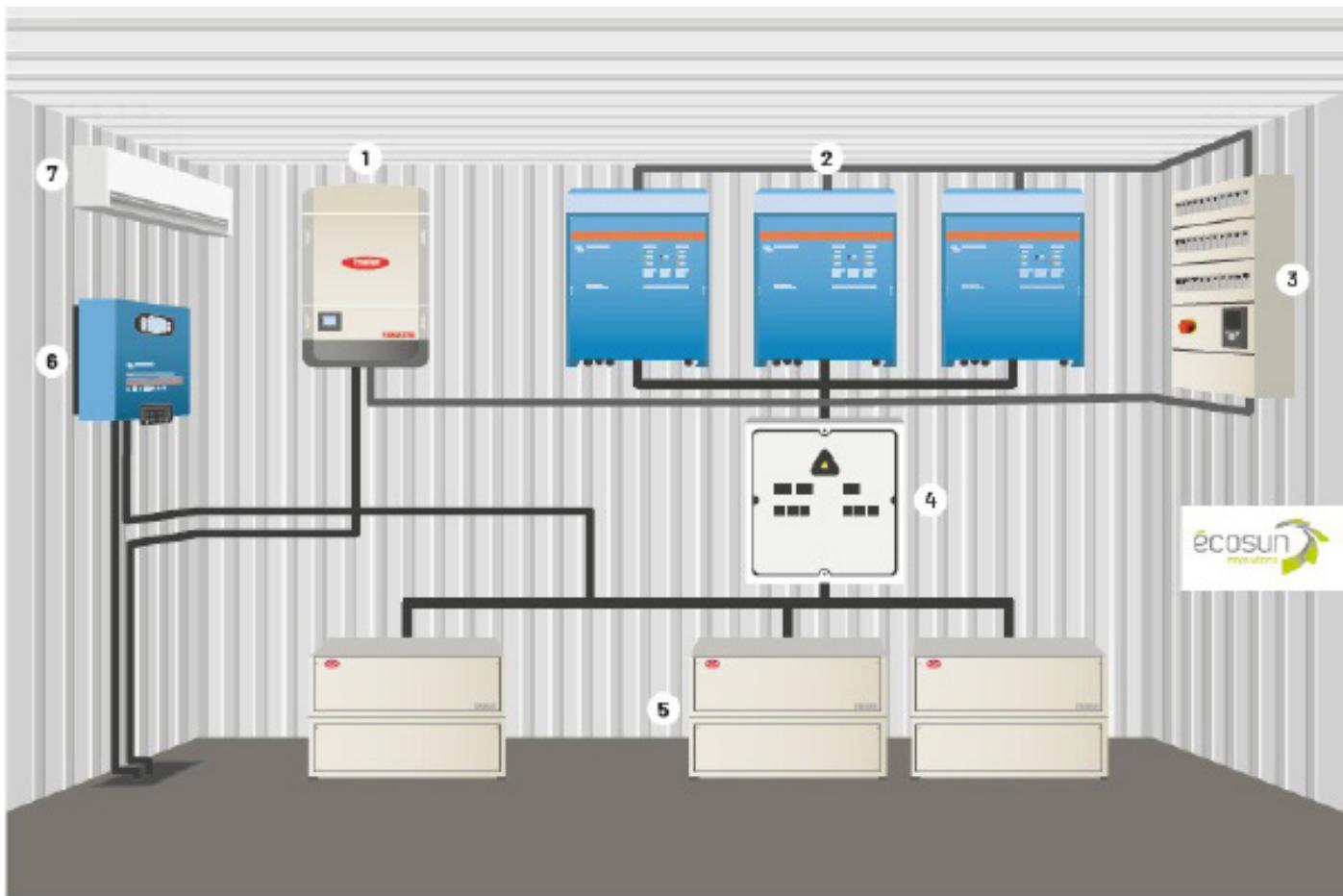
Battery system (Off-grid version)

Battery inverter	Until 135 kVA
Technology	Lithium Iron Phosphate (LiFePO4)
Nominal capacity	Until 144kWh for a container 20'

Options

- Customized container color and logo
- Insulated and air-conditioned technical room (battery version)
- Zero feed in to the grid
- Customized PV panel capacities
- Data SIM card (with subscription) for on-grid/off-grid versions
- Fire extinguisher





1 Photovoltaic inverter: conversion of DC current to AC current

2 Bidirectional inverters: charging and discharging batteries

3 AC protection box with monitoring screen

4 DC protection box

5 Batteries

6 MPPT regulator

7 Air conditioner

**The strong points
of the Fix-Watt®**

- Plug & Play
- Technical room, air conditionned, pre-wired and tested
- Modular system or ballast system
- Wiring on line with european norms
- Safe and easy access for maintenance operations
- Excellent technical economical ratio

