

FRAME-WATT®6



Frame-Watt® is a mobile solar solution designed for container roofs or bungalows (with the dimensions of a 20-foot container). Lightweight and modular, it can be installed quickly and delivers solar power instantly. It is ideal for remote or temporary sites. The system is stackable and customizable.



Frame-Watt®6 panels (with forklift pockets optional)

Product characteristics

Length x Width x Height (m)	6,06 x 2,44 x 0,35 (container 20')
Weight (kg)	390 (without options)
Handling	Lifting rings. Forklift pockets optional
Road transport	Flatbed/tarpaulin-covered
Sea transport	20' platform/40' flat rack
Storage/transport	Stackable (quantity to be defined depending on transport mode)
Material	Galvanized steel
Panel tilt angle	3°
Fixing system	Twist-Lock compatible

Technical specifications

PV panel technology	TIER 1 monocrystalline bifacial
Number of panels	6
Power per panel (Wp)	450
Total system power (kWp)	2,70
Connector	MC4 Staubli
Open-circuit voltage (Voc)*	117,9/235,8V
Voltage at maximum power (Vmp)*	98,5/196,9V
Current at maximum power (Imp)*	29,6/14,8A

*depending on wiring

Compatible with Solar Hybrid Box® 3 and 5kVA (individual)

Compatible with other capacities of Solar Hybrid Box®(multiple frames)

Compatible with BESS*

*Subject to technical study



Frame-Watt®6 panels on bungalow mounted with Solar Hybrid Box®

Frame-Watt® Advantages

- Patented solution
- Stackable
- Customizable
- Pre-wired and tested
- Compatible with ISO containers and modular buildings
- Guardrail adaptation (depending on model)
- Suitable for self-consumption and off-grid sites
- Consumption and production monitoring by distance
- Web and mobile monitoring application

Winner of the "Rental Product of the Year 2024" award from ERA (EUROPEAN RENTAL)



Products manufactured in France. Find all specifications at ecosuninnovations.com





1 Single-phase/Three-phase micro-inverters

2 Plug connection for micro-inverters

3 Frame chaining with micro-inverter option

4 Forklift pockets

5 ISO corner fixing interface (1161 Twist Lock)

Options

Forklift pockets (adjustable spacing 960–1200 mm)

Single-phase APS System micro-inverter

Three-phase APS System micro-inverter

In & Out plug (series connection of up to 6 Frame-Watt®units)

Communication and monitoring cabinet

Custom RAL paint finish

Supply of 4 Twist-Locks (for container mounting)

Mounting adaptation for bungalow/modular buildings

Adaptation for 40' container

Specific DC wiring (6S-3S2P)