

FRAME-WATT®12



Frame-Watt® is a mobile solar solution designed for container roofs or bungalows (size of a 20' container)
Lightweight and modular, it can be installed quickly and delivers instant solar power. Ideal for remote or temporary sites.
The system is stackable and customizable.



Frame-Watt® 12 panels

**Container not included in the offer, can be supplied*

Product characteristics

Length x Width x Height (m)	6,06 x 2,44 x 0,35
Width in deployed mode (m)	4,44
Weight (kg)	900
Handling	Top lifting via ISO corner
Road transport	Flatbed/tarpaulin-covered
Sea transport	20' platform/40' flat rack
Storage/transport	Stackable (quantity to be defined depending on transport mode)
Material	Painted steel
Surface finish	RAL according stock
Panel tilt angle	1°
Fixing system	Twist-Lock compatible

Options

Single-phase APS System micro-inverter
Three-phase APS System micro-inverter
Communication and monitoring cabinet
Custom RAL paint finish
Supply of 4 Twist-Locks (for container mounting)
Mounting adaptation for bungalow/modular buildings
Steel pool for deployment of external PV modules
Adaptation for 3-meter-wide container
Adaptation for 40' container
Specific DC wiring (2x3S2P, 2x6S, 4x3S or 12S)

Frame-Watt® with Solar Hybrid Box® 3 or 5kVA

**Container and Solar Hybrid Box® not included in the offer*

Technical specifications

PV panel technology	Monocrystalline
Number of panels	12
Power per panel (Wp)	390
Total system power (kWp)	4,68
Connector	MC4 Staubli
Open-circuit voltage (Voc)*	125,8/251,6/503,3V
Voltage at maximum power (Vmp)*	106/214/424V
Current at maximum power (Imp)*	11,04/22,08A

**depending on wiring at 25°C*

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

Compatible with other capacities of Solar Hybrid Box®

Compatible with BESS*

**Subject to technical study*

Frame-Watt®

Advantages

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

Winner of the «Rental Product of the Year 2024» award from ERA (EUROPEAN RENTAL ASSOCIATION)



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

