

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)



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FRAME-WATT®6



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)



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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

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

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)

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