

Technical datasheet

Container

Mobil-Watt® (8 Models)



Mobil-
Watt®
container
range from
9 to 52
kWp

The mobile solar solution for your electrical needs:

- Electrification of isolated areas
- High-performance plug-and-play system
- Very fast implementation, without PV specialist and civil works
- Mobile and autonomous power generation

Mobil-Watt® is a solar power plant designed as a maritime container, ready-cabled and connected so that it can be deployed in less than 2 hours without civil engineering or specialists. This container includes an insulated and air-conditioned control room to ensure a long service life of the components.

Technical specifications of the range (8 versions available from 9 to 52kWp):

<i>Dimensions of container (20 feet ISO)</i>		
Length (mm)	Width (mm)	Height (mm)
6060	2440	2590
<i>Dimensions of the deployed photovoltaic system</i>		
Length (mm)	Width (mm)	Height (mm)
Between 23000 - 35000	Between 6440 - 12500	3090
<i>Mechanical and transportation details</i>		
Container	standard 20 feet ISO-container	
Deployment method	Crane or forklift	
Array Deployment Time	120 to 180 Minutes	
Container Weight	2200 Kg (empty)	
Container and system Weight	Between 6000 and 11 000 kgs, depending on the model	
Forklift access	Yes	
Transport	Truck or seafreight	



<i>Electric specifications</i>		
Photovoltaic system		Inverters
PV module technology	Crystalline glass or lightweight (2kgs/m ²)	- Inverter SMA SUNNY TRIPOWER SUNNY ISLAND
Number of panels	30 to 174	
Power of panel	300 Wp	
Total power	9 to 52,2 kWp	
Batteries system:		
Technology	Lithium-ion 6000 cycles or Lithium FePo 3000 cycles or lead (acid and gel) 1500 cycles	
Battery bank nominal capacity	Between 15 and 90 kWh	