

Technical data sheet

Mobil-Grid® 500+

Semi-mobile solar container



Semi-mobile container on-grid 74 kWp and 148 kWp
for autoconsumption.

System dedicated to projects starting from 500 kWp

The semi-mobile solar solution for your energy needs:

- Solar electrification grid connected
- Projects starting from 500kWp - interconnectable containers
- High-performance system with low maintenance
- Repositionable
- Quick set-up, no civil engineering required

Mobil-Grid® 500+

Semi-mobile solar solution for 500kWp solar power projects

The Mobil-Grid® 500+ is basically an ISO sea container (CSC certified) that integrates a photovoltaic power plant, ready to be deployed and connected to a diesel generator (isolated area) or conventional grid (network). It is dedicated for bigger projects above 500kWp.

Technical specifications of Mobil-Grid® 500+:

<i>Outside dimensions of the High Cube container</i>		
Length (mm)	Width (mm)	Height (mm)
20 feet: 6060	2440	2900
40 feet: 12 200	2440	2900
<i>Dimensions of the deployed photovoltaic system</i>		
Length (m)	Width (m)	Height (m)
20 feet: 45	9	1 (2,9 for container)
40 feet: 90	9	
<i>Mechanical aspects and transport</i>		
Container	Sea container 20 feet or 40 feet ISO High cube	
Transportation	Crane, forklift or crutches	
Deployment time	3 employees - 4 hours and 8 hours of construction and system assembly	
Weight container empty	2300 Kgs	
Container weight equipped	Approximately 7 000 Kgs (20') and 13 000 Kgs (40')	
Forklift pockets	Yes	
Transport	Sea and truck	

<i>Electrical specifications</i>		Inverters
Photovoltaic system		- SMA, Fronius or Huawei
PV module technology	Crystalline - glass modules	
Number of modules	200 and 400	
Power of the modules	370 Wp	
Total capacity per container	74 kWp and 148 kWp	
Batteries: No - only on-grid system		