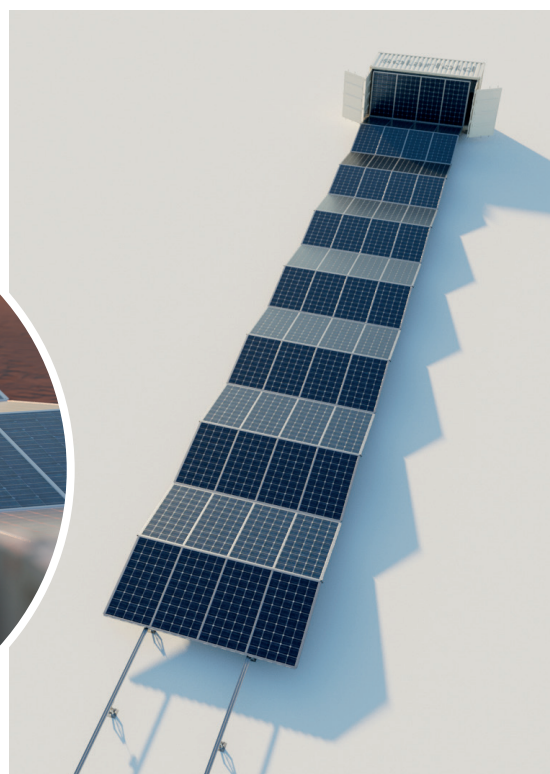


MOBIL-GRID® 500+ SOLARFOLD



The 130 kWp redeployable solar solution for intermediate project size and implementation between 1 and 5 years.

Mobil-Grid® 500+ solarfold is a 20 Feet ISO High Cube container, with CSC certification, which integrates a plug and play pre-wired deployable and redeployable solar plant.



Mobil-Grid® 500+ solarfold technical specifications

Characteristics and implementation of the container

Length (m)	6,06
Width (m)	2,44
Height (m)	2,59 (High Cube)
Container	Container SOC maritime ISO
Unloading method	Crane, forklift or Ecosun container legs
Deployment time (first operation)	Between 1 et 2 days (4 persons). Once installed folding and unfolding max 1 hour
Weight of full container with PV and inverters (t)	13,5
Transport	Sea and land
Container color	RAL 9010

Modularity of the system

Size of the deployed container (m)	Width 6 x length 125
Height of the deployed solar field (m)	0,5

Photovoltaic system

Technology of PV modules	Monocrystallin
Number of PV modules	196
Power of modules	660 Wp
Total Power	130 kWp

Conversion system

PV inverter with power	110 kVA
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Options

Electrically motorized unfolding and refolding
Cordless tool for unfolding and refolding (in case of absence of electric power)
Laser tool for positioning of the supporting rails
4 Ecosun container legs (in case no crane available for unloading)

Applications

Construction jobsites, armies, rural electrification, IPP (Independent Power Producers), mining, base camps, island remote and/or cyclonic areas

The strong points of the Mobil Grid® 500+ solarfold

- Solution fully pre-assembled and pre-wired
- Very high capacity in a 20 Feet container (130kWp)
- Ideal for large solar plants from 130kWp
- Interconnectable containers for duplicated power
- Very quick folding and unfolding in case of cyclonic conditions
- Possibility to have the unfolding and refolding operations motorized (in less than 1 hour)
- Quick set up
- No construction permit in most of the cases
- Usable in On-Grid modus(self consumption) or Off-Grid (coupled with our Solar Hybrid Box® storage solutions)

