

The Mobil-Grid[®] is a modular solar field made up of Solar Wing[®] solar arrays of various capacities, offered with or without a container.



Solar Wing[®] 4-panel structure



Folded Solar Wing[®] in the container

Products characteristics - Solar Wings[®]

	Solar Wing [®] 1,7kWp	Solar Wing [®] 2kWp	Solar Wing [®] 2,48kWp
Total power (kW)	1,7	2	2,48
Power per panel	425 (x4)	500 (x4)	620 (x4)
Material	Galvanized steel		
Panel tilt angle	10°		
Orientation	2 opposite orientations		
Wind resistance	24m/s (86,4 km/h)		
Operational temperature	-25°C at +60°C		
Weight (kg)	180	190	325

Containers configurations CSC -20' ISO

Packing	20'	20'	20' HC
Power (Wp)	450	500	620
Number of Solar Wings [®]	44	44	44
Total power (kWp)	74,8	88	109,1

Other exemples of configurations

Packing	Container CSC 10'	Rack with 5 wings	Container CSC 40' HC
Packaging	Racking system	On rack	Racking system
Power (Wp)	450	500	620
Number of Solar Wings [®]	max 22	max 5	max 88
Handling/deployment method	Crane/Top lifting/ Forklift truck/Forklift	Hand-pallet	Crane/Top lifting/ Forklift

Options

Number of Solar Wings[®] different from above
 Panel power adapted
 Manual while handling trolley
 Forklift accessory
 Ground anchoring for high winds
 Container 10'/10'HC until 22 Solar Wings[®]
 Container 20'/20'HC until 44 Solar Wings[®]
 Container 40'/40'HC until 88 Solar Wings[®]

The strong point of the Mobil-Grid[®] solar field

- Compatible with Solar Hybrid Box[®]
- Compatible with BESS (subject to technical study)
- No civil works required
- Scalable
- Movable
- Solar Wings[®] pre-wired and tested

The 2 types of deployment solutions for the container:



Manual handling trolley for one Solar Wing[®] (optional)



Deployment rack for one solar Wing[®] via Forklift