

ON GRID SOLAR CONTAINER

Mobile Power Cube



• 20HQ-100KW / 40HQ-200KW



Plug & play Turnkey Solution

All-in-one system: Can be installed in 4/8 hours, compared to weeks/months for fixed solar. No civil works, no foundations, minimal permitting



Rapid Deployment

Ideal for temporary or seasonal sites (construction, mining, events, military, disaster relief). Can be redeployed multiple times → higher asset utilization.



Modular & Scalable

Multiple containers can be paralleled to create 100 kW-multi-MW microgrids. Flexible expansion based on project growth. Easy integration with existing gensets (hybrid mode).



Up to 600/1200m² PV area

The product frame allows you to install 168/336 pcs PV panels with dimensions of 2278 x 1134 mm. PV panels - 590W.



Place for inverters inside.

There is enough space inside to install the necessary equipment.



Optional hybrid generator

It is possible to install a power generator, to the Meox power cube will provide a constant supply of energy.

MOBILE POWER CUBE

Model	CubePro-20SSO	CubePro-40SSO
Type of Container	20 Feet High Cube Open Side	40 Feet High Cube Open Side
External Dimensions (L×W×H/mm)	6058*2438*2896	12192*2438*2896
Container Weight (t)	3	6.74
Solar Array Capacity (Pmax/kWp)	99.12	198.24
Total Weight (t)	10.5	22.17
Folding & Unfolding Time (min)	120/80	240/160
Installation Personnel	6	12
Operating Temperature (°C)	-30~+60	
Unfolded Footprint (L×W×H/m) @ 15°	102*6*0.9	102*12*0.9
Folded Footprint (L×W×H/m)	6*2.34*2.9	12*2.34*2.9
Max. Slope Limit	1%	
Compatibility (Option 1)	AC output with inverter	
Orientation	Any azimuth by container	
Solar Panel Type	N Type Topcon	
Solar Panel Power (Pmax/Wp)	590W per module	
Quantity of Modules	168	336
String Capacity (Pmax/kWp)	99.12	198.24
Output Voltage & Current (V/A)	220 / 380, 230 / 400, 3L/ N/ PE or 3L/ PE	
Operating Temperature (°C)	-30 °C to +60 °C (-86 °F to +140 °F)	
Inverter Brand	Goodwe/Sineng	
Inverter Type	On-Gird	
Quantity of Inverters (sets)	1	2
Bracket Material	Hot Galvanized Carbon Steel	
Single Bracket Dimensions (mm)	4718*2342*30/42Pages/4 Row	4718*2342*30/42Pages/4 Row
Unfolding Bracket Angle (°)	15	
Unfolding Bracket Length (m)	102	
Unfolded Projected Area	600	1200

Qualification Certification

TÜV Tested, CE Certified / ISO 9001 (Quality Management System) / ISO 14001 (Environmental Management System)
ISO 45001 (Occupational Health and Safety Management System)