

// SMART URBAN SOLAR SOLUTIONS

SOLAR CHARGING SHELTER

GREEN ENERGY



FRAME

COLOUR

- All RAL colors galvanized/ coated
- Ropes & components galvanized
- Steel construction
- Not foldable
- Applicable for snowload up to 75 kg / m²
- Windsafe up to 120 km/h

COVER

MDT-TEX 680

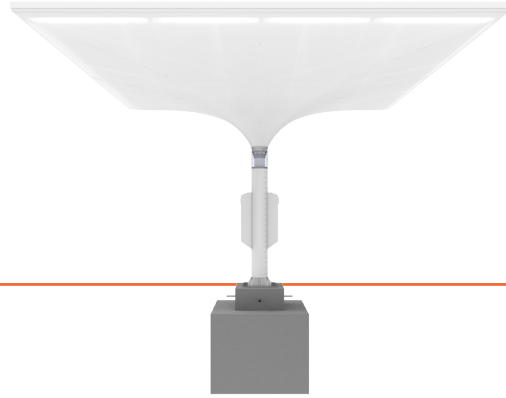
- PVC - coated Polyester weave, min. 620g/m²,
- Fire protection B1,
- Flame retardant DIN4102
- more on request

ANCHORINGS

- Footplate welded to the mast
- Anchor on foundation
- Foundation site



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DIMENSIONS ARE IN METERS
 *all measurements are rounded



5,30 X5,30

MASS

shelter without packaging (kg)		900
Frame (kg)	Steel construction, painted white, composite mast cladding	520
Cover (kg)	PVC-coated polyester weave, approx. 650 g/s.m	20
PV Panels (kg)		360

HEIGHTS

Height (cm)		400
Distance cover to ground (cm)		230

ANCHORING

Concrete Foundation 140 x 140 x 190cm (l x w x h) with underground drainage	
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PV SYSTEM

Solar Panels	15 x 270 Wp, Poly-Si, 60 cells, 1640 x 992 x 35 mm	24kg / panel
PV Inverter	SMA Sunny Tripower 5000TL	

ADDITIONAL PV ACCESSORIES

ENERGY STORAGE

Battery	Li-ion, AXIstorage Li 9s, 8,5 kWh	
Battery Inverter	SMA Sunny Island 4.4 M	

HOME ENERGY MANAGEMENT SYSTEM

SMA Sunny Home Manager 2	
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REMOTE CONTROL

Sunny Remote Control	
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ILLUMINATION

Integrated Lighting at the base	
Integrated Lighting in the structure	

CHARGERS

22 kW Car Charger	Mennekes AMTRON Premium	
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RAIN-WATER HARVESTING

Filter	
Water storage	

COOLING-SYSTEM

Mist-Cooling System	
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