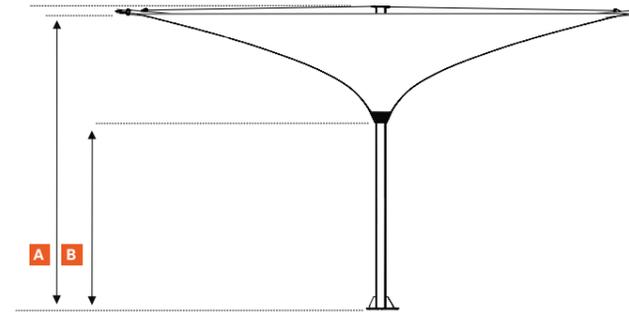


// WOODEN SHADE STRUCTURE

// WOODEN SHADE STRUCTURE

SOLAR CARPOT WOOD



- DRAINAGE THROUGH THE CENTRAL MAST
- CONNECTION TO THE SEWAGE SYSTEM THROUGH A PIPE BEND IN THE FOUNDATION (TO BE PROVIDED BY THE BUILDER).

DIMENSIONS

DIMENSIONS ARE IN METERS
*all measurements are rounded

HEIGHT

	5x5m	8x8m
A height in cm	400	400
B Ground clearance to membrane	230	230

STRUCTURE

Grid system for PV panels (kg)	900
Cover (kg)	PVC-coated polyester 520
Textile Cladding (kg)	Mast cover made of composite material 20

ANCHORING

Concrete foundation 140 x 140 x 190cm (L x W x H) with underground drainage in centimeters
Screw foundation

ACCESSORIES

PV SYSTEM

Solarpanel	Axitec or similar 15 x 415 Wp, Poly-Si, 60 cells, 1640 x 992 x 35 mm	24kg / panel
Battery inverter in cm	SMA Sunny Tripower 5000TL (230 V, 50 Hz, 5000W	264

ADDITIONAL PV ACCESSORIES

ENERGY STORAGE

Battery	Li-ion, AXIstorage Li 9s,8,5 kW
Battery inverter	SMA Sunny Island 4.4 M (Rated 230V /AC 172.5V to 264.5V)

HOME ENERGY MANAGEMENT SYSTEM

SMA Sunny Home Manager 2	Sunny Remote Control
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LIGHTNING

Integrated LED Lightning in base	LED's for borders or ceiling lights
Integrated LED-Lightning in the Structure	LED strip for outdoor use, 12V, 24W, IP65, 300 LEDs/5m, RGB.

CHARGING STATION

PE water storage with German KTW approval for drinking water	
Can be attached to the pole with a branding system	Ultra- fast DC chargers

SOLAR ENERGY

FRAME

- Wooden frame
- Protection for 2 parkings
- Wind resistance up to 120km/h
- Suitable for snow loads
- not foldable

VERANKERUNGEN

- Steel connection
- fixed

COVER

- MATERIAL**
- PVC 470/680
 - PTFE 750GR

ACESSORIE

- intergrated Lightning

