



Power  
generation  
innovatively  
integrated.

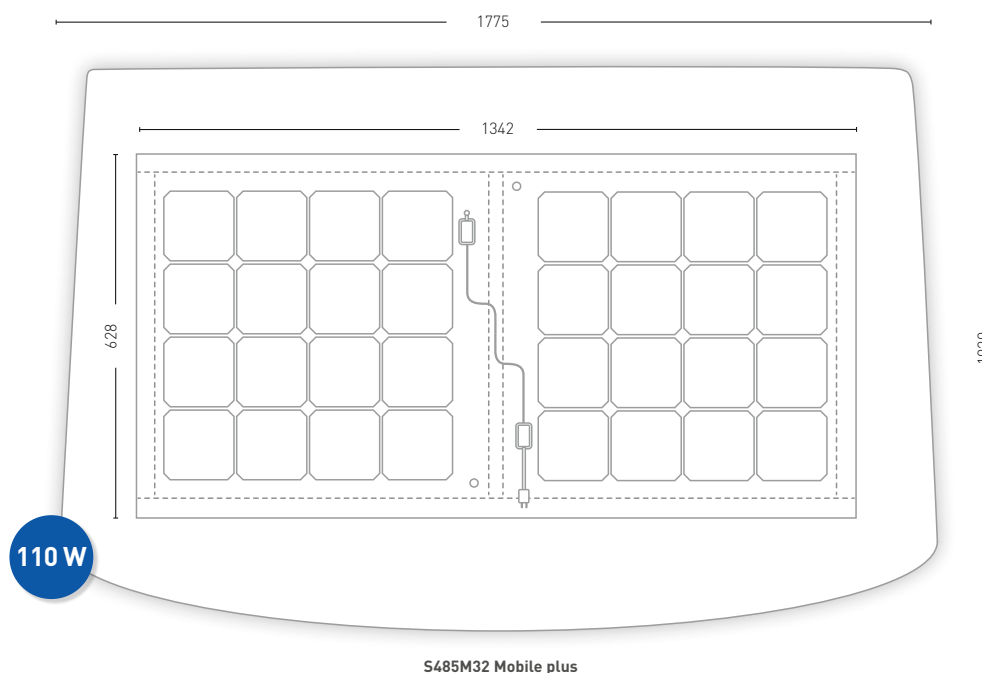
## SOLARA Power Mobile Plus

### THE CUSTOMISED SUIT FOR VW T5 / T6 / CRAFTER, MERCEDES SPRINTER / VITO / VIANO, FIAT DUCATO

- Isolation and darkening mat with integrated solar module fixation
- Highly durable surface material, spinnerets coloured, thus fully UV-resistant, opaque and darkening
- Extremely good insulation through integrated foam core
- Fast setup and removal, plug & play thanks to innovative magnetic system (protected utility model)
- Easy to clean and easy to stow, small in size
- Integrated theft protection cable lock, 2 m
- Solar module is detachable and is identical to type S485M32, see page 12/13
- Manufactured exclusively in Germany



## SOLARA Power Mobile Plus



## PERFORMANCE

Type	S485M32 Mobile
Daily output in summer in Germany (Ø) Wh/d	485
Rated output * (Pmpp) Wp	110
Short-circuit current (Isc) A	6.30
Open-circuit voltage (Uoc) V	23.06
Voltage (Umpp) V	18.96
Current (Impp) A	5.80
No. of cells	32

\* Performance at STC, Standard Testing Conditions: 1000 W/m<sup>2</sup>, AM 1.5, cell temperature 25° C

## Dimensions and weight

Dimensions opened (L x W x H) mm	1342 x 628 x 6
Dimensions folded (L x W x H) mm	685 x 628 x 25
Dimensions windshield blind e.g. VW T5/T6 (L x B x H) mm	1775 x 1020 x 16
Weight kg	4.9/6.4
Cell dimensions mm	125 x 125

## Thermal properties

TK Pmpp %/K	-0.38
TK Uoc %/K	-0.28
TK Isc %/K	0.057
NOCT °C	46 ± 2

## Used materials

Cell technology	Sunpower, monocrystalline with back contact
Front/back	ETFE front and back side foil, welded at the edge
Cable outlet	Solid, small, flat, seawater-tight, glued and screwed

## More technical data

Reverse current IR loadability	12 A
Measuring accuracy Pmpp at STC	± 5 %
Operating temperature range	-40°C to +85°C

**Scope of delivery:** Cable charge controller Fox-062 6 A, Cable 5 m, SureSeal plugs pre-mounted

**Options:** Extension cable with SureSeal plugs 5 m, Eyelet set, Loxx buttons

