



Mobile and  
flexible in every  
situation!

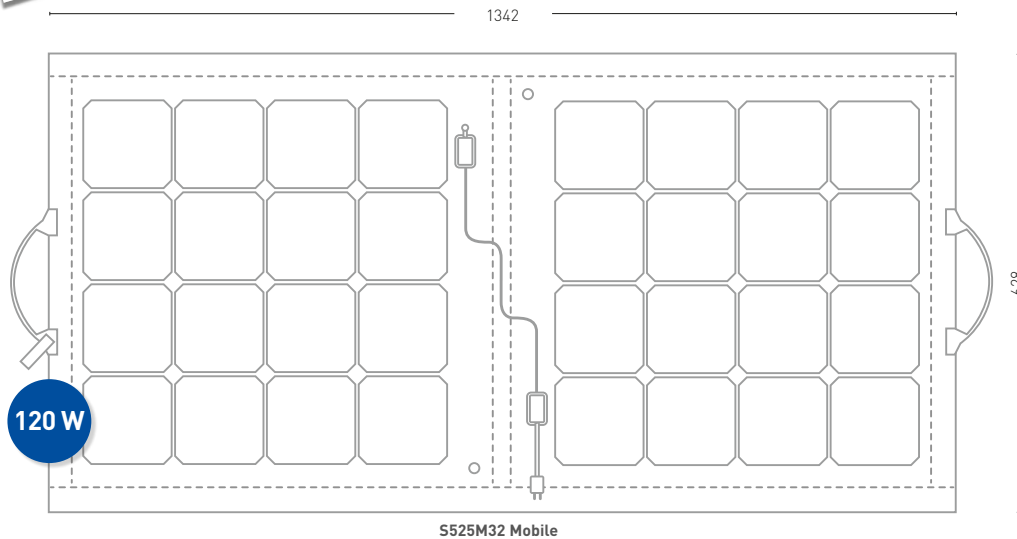
## SOLARA Power Mobile

### PLUG & PLAY WITH CABLE CHARGE CONTROLLER

- Flexible use thanks to innovative, fully encircling fabric bordure
- Eyelets, Loxx buttons, velcro or zipper can be retrofitted
- Space-saving stowage due to foldable module surface
- Effective battery charging even when the vehicle is in the shade
- Extremely high output by the use of Sunpower cells with 23 % efficiency
- All materials withstand extreme heat, high humidity, sea and salt water
- Manufactured exclusively in Germany



SOLARA Power Mobile



PERFORMANCE

Type	S525M32 Mobile
Daily output in summer in Germany (Ø) Wh/d	525
Rated output <sup>1</sup> (Pmpp) Wp	120
Short-circuit current (Isc) A	6.40
Open-circuit voltage (Uoc) V	22.63
Voltage(Umpp) V	19.22
Current (Impp) A	6.04
No. of cells	32

<sup>1</sup> 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
Weight kg	4.9
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 (for Gel, AGM and Li-batteries), Cable 5 m with SureSeal plugs pre-mounted

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

Effective 01/2021. Errors and omissions excepted. Technical changes reserved. \* Full terms of guarantee: www.solara.eu

