

# SolTyB: PV power plant

All you need for solar installation for balconies and terraces of high quality, 800 W, 2xPV modules of 415 W, micro inverter, adapter cable



## Highlights

- Set of high quality components
- Plug and play\*
- 2 x solar modules
  - Panel AE monocristalinos Monofacial
  - 415 W max. output power
  - Between 21,2 % & 21.25% module efficiency
- Microinverter
  - 800 W output power
  - Protection class IP67
- Adapter cable MC4
- AC Plug (optional)
- Installation bracket with adjustable angle (optional)

Protect the climate and produce your own green electricity - with a balcony power plant, this is possible for anyone who has a balcony, terrace, carport roof, garage roof or garden.

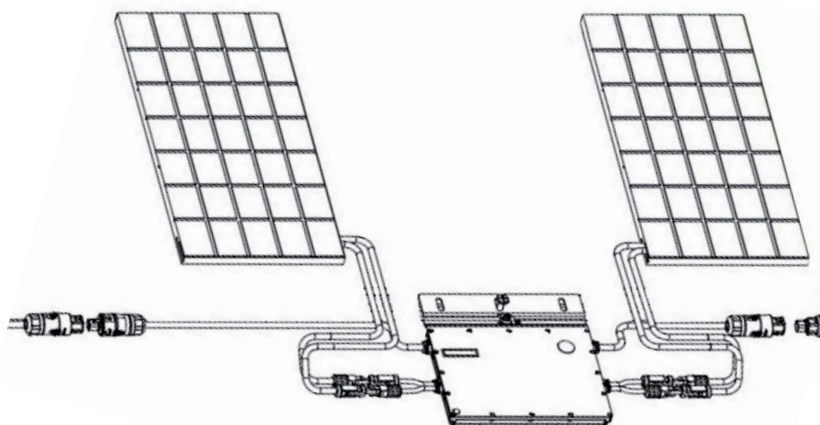
A balcony power plant Fte maximal allows the simple use of solar energy without complex installation..

The power plant is offered as a **"plug and play"**\* complete package with PV modules, inverter and adapter cable.

\*Only the AC-Plug (Schuko- or Wieland plug) needs to be chosen and installed.

The electricity generated is simply fed into the household power grid via a socket in the apartment or house. This electricity is usually used for personal consumption, thus reducing electricity costs.

With 800 watts output, such as refrigerator, electronic devices can be supplied.



Kit SolTyB installation draw





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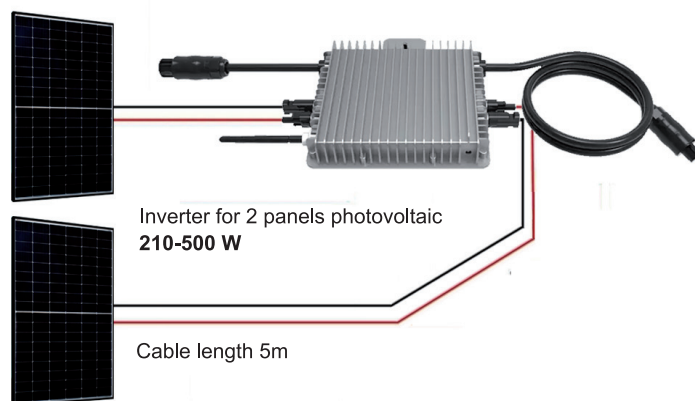


## KITS

Code:	0002051
Model:	SolTyB 1L
Composition:	1 X MICROINVERTER 800W + PANELS: 2 x 415W CABLE 5 m + SUPPORTS 2 X KSS-L 2 meter 4mm <sup>2</sup> cable with MC4 connectors

Code:	0002052
Model:	SolTyB 1M
Composition:	1 X MICROINVERTER 800W + PANELS: 2 x 415W CABLE 5 m + SUPPORTS 2 X KSS-M 2 meter 4mm <sup>2</sup> cable with MC4 connectors

Code:	0002050
Modèle:	SolTyB 1
Composition:	1 X MICROINVERTER 800W + PANELS: 2 x 415W CABLE 5 m 2 meter 4mm <sup>2</sup> cable with MC4 connectors



## Specification of photovoltaic panels

Technology	PERC HALF CUT *	PERC SHINGLED*
Power	415 W	
Type	Monoface	
Weight	21,5 Kg	21 Kg
Dimensions	1768 mm x 1133 mm x 35 mm 1719 mm x 1140 mm x 30 mm	
Power guarantee output	After 30 years, 82.2%	
Material guarantee	15 years	
Connectors	MC4	
Frame material	Anodized aluminum alloy	

\*According to availability

## Application for monitoring Android and IOS

SOLARMAN Smart		for users and facility owners
SOLARMAN Bussines		for dealers and installers



## Single-phase inverter specification

Max. Output power	800 W
Power range of the panels	240 W - 500 W
Maximum efficiency	96.5%
Communication 2.4 GHz	WIFI / Zigbee
Dimensions in mm	212 x 229 x 40
Warranty	10 years



Single-phase inverter

Photovoltaic Panel



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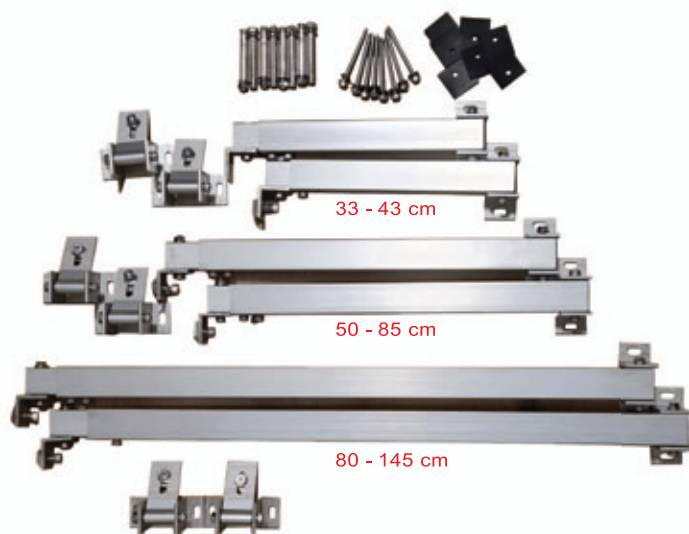
## Solar panel mounts for SolTyB

Model:	KSS-L	KSS-M	KSS-C
Lenght:	80-145 cm variable length	50-85 cm variable length	33-43 cm variable length
Code:	0002053	0002056	0002054

\* Depending on the location, you can choose the variation with flat ceiling screws or bolt anchor (mount on wall).  
The set comes with bolt anchors or flat roof screws.

Each set consists of:

- 2x anodized aluminum rear telescopic brackets
- 2x short anodized aluminum front fixings
- 8x stainless steel bolt screws or anchors
- 8x rubber pads



## Variable mounting system



This bracket can be mounted directly on the aluminum frame of the solar panel.  
Mounting rails do not necessarily have to be used.



Solar module bracket for ceiling mounting, wall, individually adjustable.

