Facade
structures

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Facade structures (FA)

CARD NO.	CONSTRUCION TYPE	MODULE DIRECTION	MODULE LAYOUT	INSTALLATION	MOUNTING BASE	PAGE
01	Universal (US)	South (S)	Vertical (V)	Long side (LA)	Concrete, ceramics, silicate (CCS)	3
02	Universal (US)	South (S)	Horizontal (H)	Long side (LA)	Concrete, ceramics, silicate (CCS)	
03	Individual (I)	South (S)	Vertical (V)	Long side (LA)	Sandwich panel, metal sheet (SP)	6
04	Individual (I)	South (S)	Horizontal (H)	Long side (LA)	Sandwich panel, metal sheet (SP)	

Find a representative →   Legal note →

ⓘ Individual structures are made for an individual order with 4 week production period.
Universal structures are currently in stock and available on hand.

01 Facade structure

FA-US-S/V/LA/CCS

TYPE	MODULE DIRECTION	MODULE LAYOUT	INSTALLATION	MOUNTING BASE
Universal (US)	South (S)	Vertical (V)	Long side (LA)	Concrete, ceramics, silicate (CCS)

SEE ONLINE →

DESCRIPTION

→ A multi-part facade structure made of aerated concrete, ceramics or silicate and further insulated with wool or polystyrene.

→ An invasive system composed of adjustable consoles, which are mounted to the facade using screws of appropriate length, and then to which profiles (on which PV modules, previously equipped in neccessary mounts, are suspended) are attached.

→ A universal mounting system composed of adjustable, telescopic elements, enabling the use of structures with modules of various power and sizes.

→ The structure has been designed to shorten the base assembly and, at the same time, make the number of mounting points to the facade as small as possible.

ⓘ At the customer's request, each installation using a structure is calculated by our Technical Department in terms of its load on the facade, as well as the method and number of points that constitute the basis for the installation of profiles, to which the modules are mounted.

Facade structures (FA)

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1. Adjustable wall console

2. Mounting strip for PV module

3. Mounting rail

4. Mounting angle

CHARACTERISTICS	FA-US-S/V/LA/CCS
Destination	Facades (FA)
Type of construction	Universal (US)
Module orientation	South (S)
Module layout	Vertical (V)
How to install a PV module	Long side (LA)
Mounting base	Concrete, ceramics, silicate (CCS)
Module type	Standard/Bifacial
Minimum number of PV modules	1
Standard clamps height (mm)	35
Standard clamps width (mm)	5
Maximum PV module length (mm)	–
Distribution	Available in stock

Facade structures (FA)   ←

LIST OF PARTS - BASE OF CONSTRUCTION

End clamp
35
Nature/Black

KLK50/35ALN
KLK50/35ALCZ

Middle clamp
50 universal
Nature/Black

KLSR50ALN
KLSR50ALCZ

Self-locking nut
M8 DIN985 A2

NSHM8A2

Hexagonal nut
M10 IE

NM10Z

Washer M10 300HV
ISO7093-1 IE

PSZM10Z

Allen screw
M8X100 DIN912 A2

SIM8X100A2

Hexagonal screw
M10X20 IE

SM10X20Z

03 | Facade structure

FA-I-S/V/LA/SP

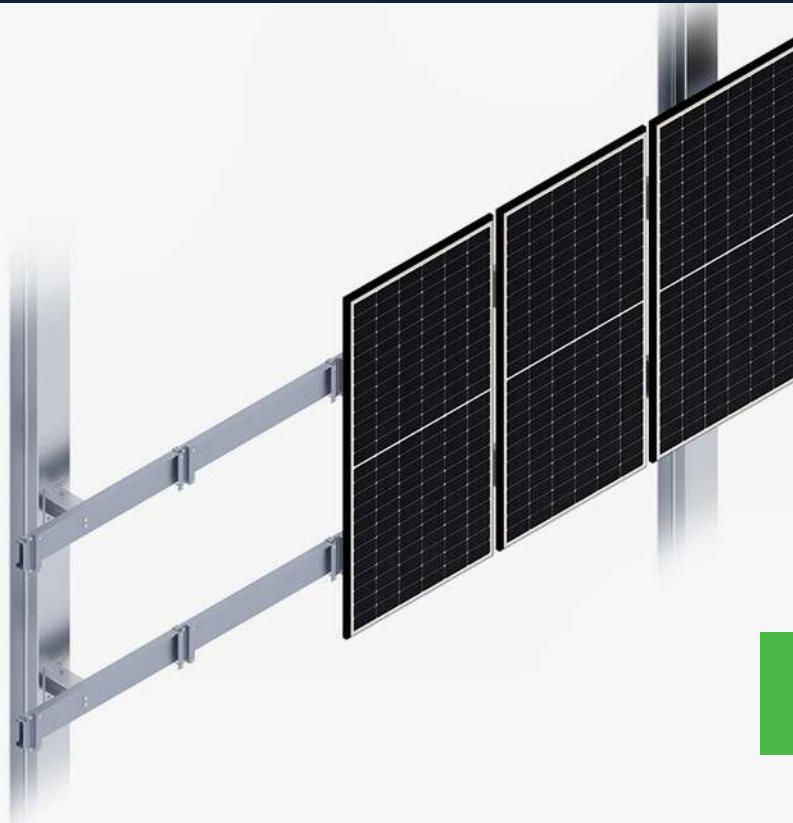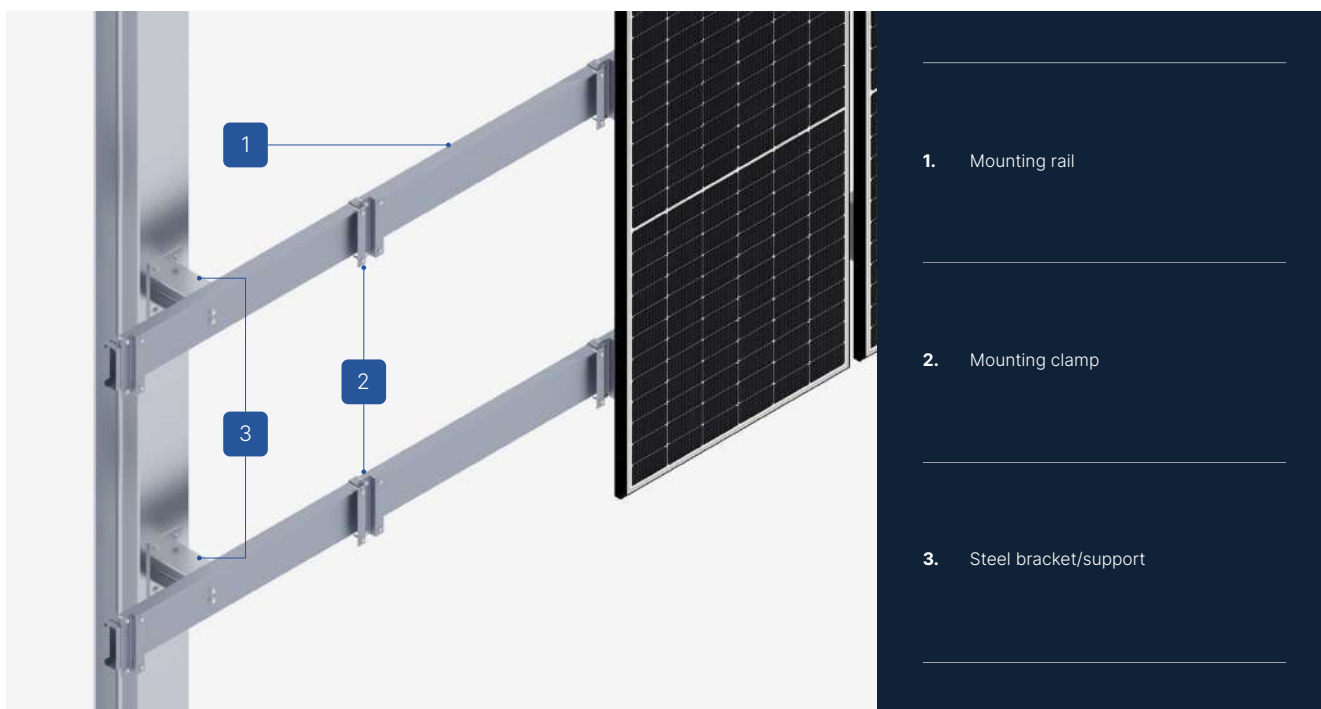| TYPE	MODULE DIRECTION	MODULE LAYOUT	INSTALLATION	MOUNTING BASE
Individual (I)	South (S)	Vertical (V)	Long side (LA)	Sandwich panel, metal sheet (SP)

SEE ONLINE →

OPIS KONSTRUKCJI

→ A multi-part facade structure made of Magnelis™ sheet, designed for facades constructed using sandwich panel or trapezoidal sheet technology.

→ An invasive system composed of adjustable consoles, which are mounted to the facade using screws of appropriate length, and then to which profiles (on which PV modules, previously equipped in neccessary mounts, are suspended) are attached.

→ A universal mounting system composed of adjustable, telescopic elements, enabling the use of structures with modules of various power and sizes.

→ A system designed for facades where the basis for the construction choice is the impossibility of applying installation mounting on the roof or ground.

→ The structure has been designed to shorten the base assembly and, at the same time, make the number of mounting points to the facade as small as possible.

⊕ At the customer's request, each installation using a structure is calculated by our Technical Department in terms of its load on the facade, as well as the method and number of points that constitute the basis for the installation of profiles, to which the modules are mounted.

Facade structures (FA)

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1. Mounting rail

2. Mounting clamp

3. Steel bracket/support

CHARACTERISTICS	FA-I-S/V/LA/SP
Destination	Facades (FA)
Type of construction	Individual (US)
Module orientation	South (S)
Module layout	Vertical (V)
How to install a PV module	Long side (LA)
Mounting base	Sandwich panel, metal sheet (SP)
Module type	Standard/Bifacial
Minimum number of PV modules	1
Standard clamps height (mm)	35
Standard clamps width (mm)	5
Maximum PV module length (mm)	-
Distribution	Individual order

Facade structures (FA)

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LIST OF PARTS - BASE OF CONSTRUCTION

Self-locking nut
M8 DIN985 A2

NSHM8A2

Hexagonal nut
M10 IE

NM10Z

Washer M10 300HV
ISO7093-1 IE

PSZM10Z

Round washer
A2 8.4 DIN125A

PPM8A2

Hexagonal screw
M8X20 DIN933 A2

SM8X20A2

Hexagonal screw
M10X20 IE

SM10X20Z

Our representatives

REGION ↘	CONTACT ↘
Zachodniopomorskie, Śląskie, Opolskie	**Sebastian Jędraszek** +48 724 651 405 sebastian.jedraszek@rbtsolar.com
Mazowieckie, Łódzkie, Podlaskie	**Piotr Belowski** +48 724 270 337 piotr.belowski@rbtsolar.com
Pomorskie, Warmińsko-Mazurskie, Kujawsko-Pomorskie	**Tomasz Steindel** +48 724 445 300 tomasz.steindel@rbtsolar.com
Małopolskie, Podkarpackie, Lubelskie, Świętokrzyskie	**Radosław Mazurek** +48 885 582 057 radoslaw.mazurek@rbtsolar.com
Wielkopolskie, Dolnośląskie, Lubuskie	**Julian Nowak** +48 725 454 239 julian.nowak@rbtsolar.com
Lithuania, Latvia, Estonia	**Andrejus Krutko** +370 684 19934 andrejus.krutko@rbtsolar.com
Other countries	**Dana Kushel** +48 724 652 204 dana.kushel@rbtsolar.com

rbtsolar

WE ARE PART OF GRUPA/**rex**bud

CONTACT

+48 724 625 200

biuro@rbtsolar.com
rbtsolar.com

PRODUCTION FACILITY

ul. A. Struga 14
95-100 Zgierz
Poland
NIP 732 221 39 23