

POWERED BY



Factsheet - **FIT VOLT**








FIT VOLT

THE POWER OF ROOFS



Technical information

Panel technical information	
Installation method	snap-on seam
Seam height	22 mm
Total width	558 mm
Effective width	527 mm
Steel	0,5 mm, XCarb ArcelorMittal
Sheet length	2040 mm
Overlap length when dividing sheets	30 mm
Panel weight	15 kg
Roof inclination	>9°
Connectors type	MC4 Staubli EVO2
Connector compatibility	MC4 Staubli EVO2
Connection cables	4 mm, asymetrical
Glass type	low iron tempered glass 3.2mm
PV technical information	
Number of cells	36
Maximum Power (Pmax)	175 W
Maximum Power Voltage (Vmp)	20.82 V
Maximum Power Current (Imp)	8,38 A
Open Circuit Voltage (Voc)	24,03 V
Short Circuit Current (Isc)	9,80 A
Maximum System Voltage	1000 V
Cell type	monocrystalline cells PERC 210mm Half-cut 2x18
J-box rating	IP68
Safety information	
Static load	2400N (2.4kPa)
Negative Static Load (Wind Suction)	2400N (2.4kPa)
Hail impact resistance	25mm max diameter, speed 23m/s
Temperature Coefficients	current: +0,07%/K
	voltage: -0,36%/K
	power: -0,38%/K
Temperature operating range	from -40°C to +85°C
Packaging infomation	
Panels per pallet	17
Pallet dimensions (lenght x width x height)	220x66x80 cm
All ratings at STC: 1000 W/m². AM 1,5 spectrum, 25 °C Measurment tolerance ± 3% (Voc, Pmax and Isc)	



WARNING! ELECTRICAL HAZARD!

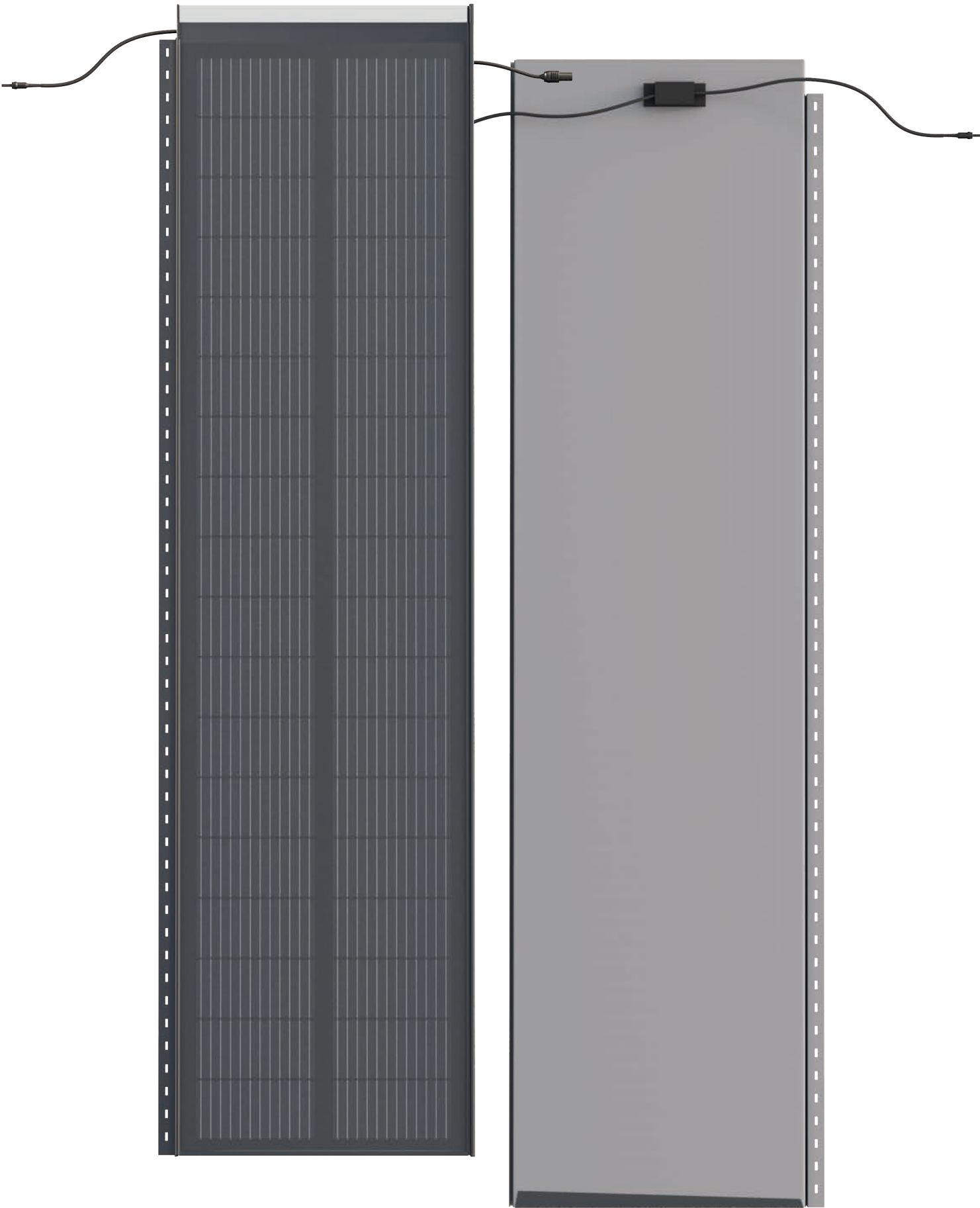
This module produces electricity when exposed to sun light. Do not disconnect the module under load. Follow all applicable electrical safety precautions.

The PV modules are designed to meet the following requirements to conform to standards:

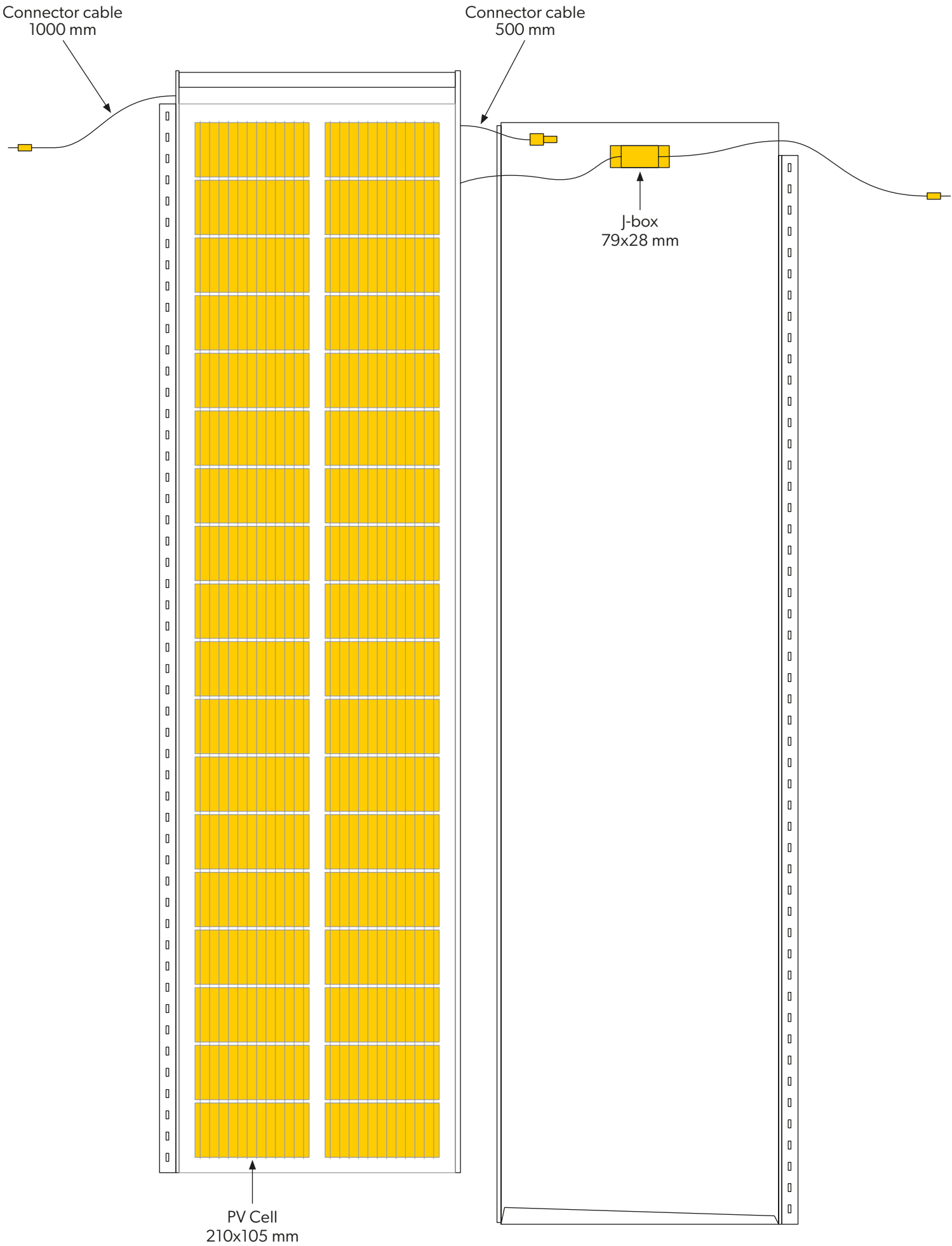
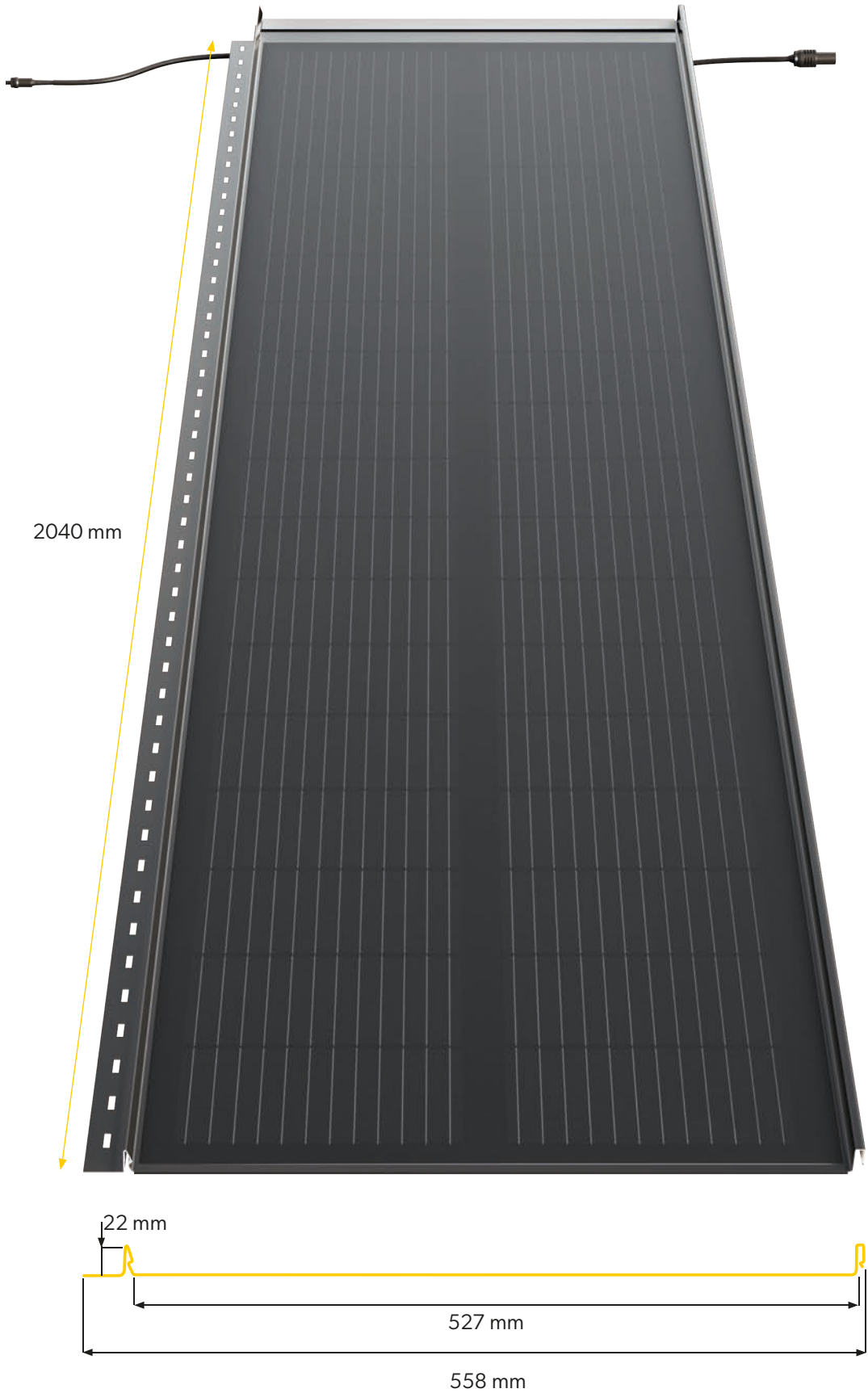
- IEC 61215-1:2016 (functionality of the PV modules),
- IEC 61730-1:2016 (PV module safety),
- EN 13501-5:2016 BROOF (T1) (fire protection),
- ISO 9001:2015 (quality management systems).



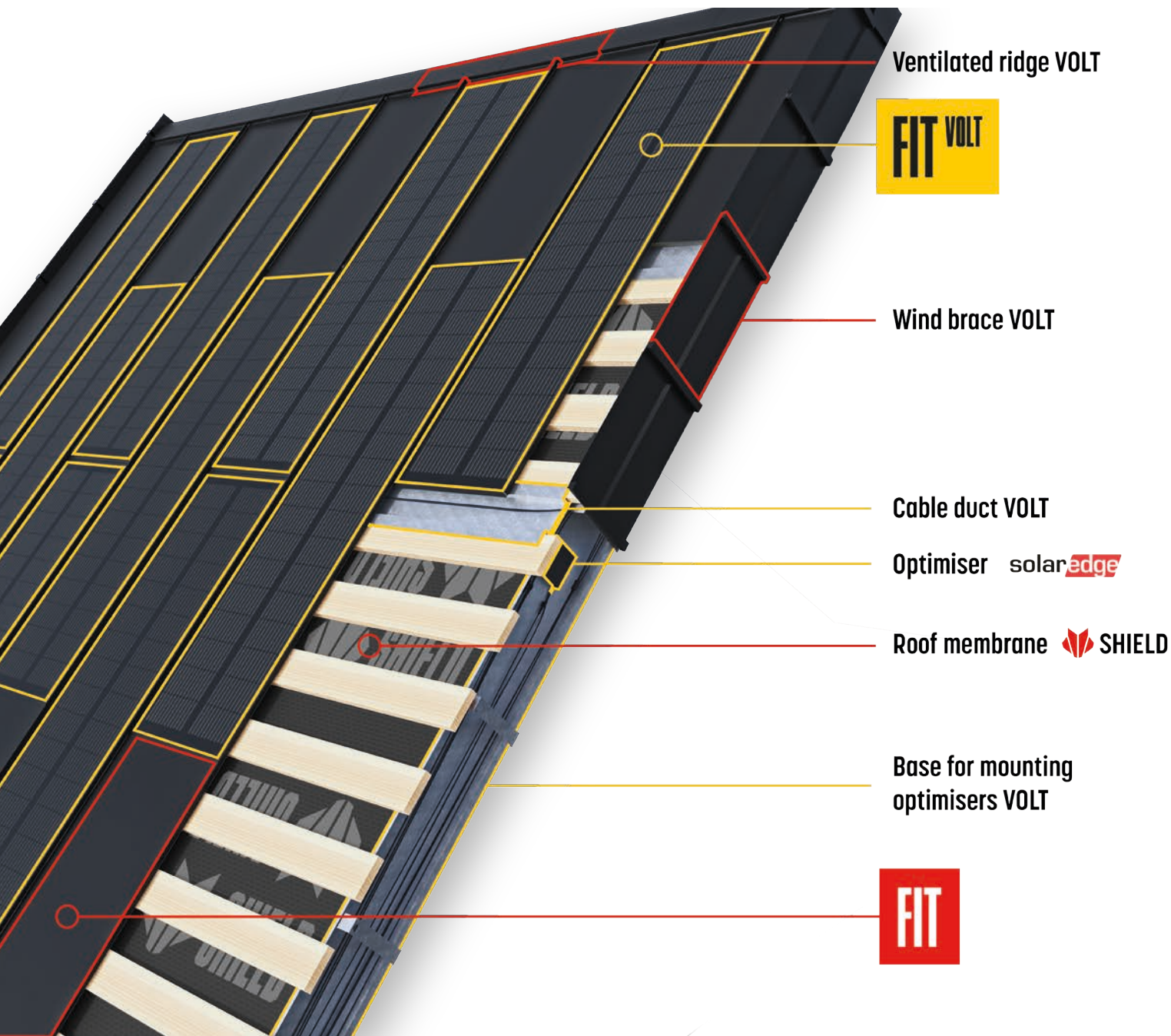
Before installation, please read the installation manual, available at www.solroof.eu



Technical information



Technical information



POWERED BY

 **BP2**



Scan code or find out more
at www.bp2.eu



Welcome to BP2 world

BP2 has been a valued manufacturer of complete solutions for residential and industrial construction since 1995. We also offer our services as part of the Steel Service Centre.

We are the creators of the SOLROOF brand and products – integrated photovoltaic roof. BP2 has five production plants in Poland (Cracow, Dąbrowa Górnicza), Slovakia (Košice) and Romania (Cluj Napoca, Timisoara).

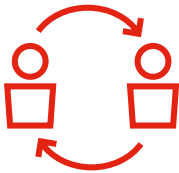


PEOPLE

The whole company and the positive relations are created by people. Everybody in the BP2 team has the respective opportunities for comfort work and the best tools for its performance.

For this purpose, we constantly improve our management processes. Our decision-making and information flow is transparent.

Similarly to a pack of wolves, we work as a team to achieve the success.

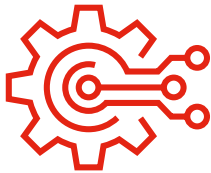


RELATIONSHIPS

At BP2, we have been building professional relationships with our customers, suppliers and affiliates for many years.

We are focused on transparent communication and dialogue. We care about our customers by offering them modern cooperation tools and marketing software support.

Our company flexibly adapts to the customer needs, because nature of the market is ever-changing.



TECHNOLOGY

We focus on innovative solutions and modern technologies ensuring constant optimization of the production, expansion of our offer, quality improvement of our products and services, while simultaneously maintaining the sustainable development and safety of employees.



QUALITY

Quality is our priority. In all BP2 production plants the complete control system has been implemented for all the processes and products, with the purpose of the highest quality in action. DVS ZERT GmbH certification unit, located in Dusseldorf, provides constant supervision over our quality-oriented internal promotion activities. Our constant care for the quality of products is proved by the Certificate issued and renewed each year. This Certificate confirms the perfect operation of the Production Control System in the plant.



Housing

BP2 manufactures modular and compact sheet metal roofing tiles and corresponding products in the form of cut-to-size sheets. We can also boast three innovative models of roof panels, as well as a wide range of trapezoidal and corrugated sheets. Our range is complemented by gutter systems and dedicated flashings and roof accessories.



Industrial building

Our offer includes a wide range of products intended for the implementation of investment tasks, i.e. production halls, outbuildings or commercial and sports facilities. We offer comprehensive solutions for industrial construction, such as structural trapezoidal sheets and corrugated SINUS sheets, wall cladding and façade coffers. Our offer also includes sandwich panels with PIR and WOOL filling. Products dedicated to industrial construction are also available in perforated versions at the customer's request. The available solutions are of the highest quality that enable them to be used in even the most demanding industrial applications.



Steel Service Centre

It was created for customers looking for materials with specific properties and degrees of processing. We ensure constant availability and a wide selection of steel grades, thicknesses and coatings recommended by BP2. We realize individual orders with any parameters. Sheet metal processing includes rewinding, longitudinal and transverse cutting as well as protection with protective foils. We make it possible to cut metal sheets into sheets or formats with dimensions indicated by the customer. We offer perforation of sheets with metallic and organic coatings. We also accept orders using entrusted material, ensuring optimal use thanks to high-quality production processes.



What is SOLROOF?

SOLROOF is an innovative system that was created in response to the growing demand for clean energy. It is the only complete photovoltaic system on the market that is fully integrated into the steel roofing. Proprietary solutions allow for unique aesthetics of the roof and the use of various forms and shapes, which is not possible to achieve in the case of a conventional photovoltaic installation. The combination of FIT sheet metal panels and integrated FIT VOLT photovoltaic panels creates a coherent, harmonious coverage surface.

The SOLROOF integrated photovoltaic roof represents new quality that, as the first on the market, offers architects unlimited design possibilities, roofers easy and quick installation and the investor a unique visual effect, efficiency and safety of use. We achieve this by using one product, one assembly, one warranty, and one service.

INTEGRATED PHOTOVOLTAIC ROOF




← Scan code or find out more
at www.solroof.eu



**Attractive
appearance**




One system




**Maximum
performance**




**Consistency
of form**




One assembly




**Safety of assembly
and use**




XCarb®
Recycled and renewably
produced



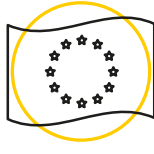
ArcelorMittal




One warranty




Ease of use



**Sustainable
production**



One service



High durability

Warranty

Roofing warranty	30 years
Linear efficiency BIPV minimum 85%	30 years
BIPV module	12 years
Optimiser	25 years
Inverter	12 years / 25 years SOLROOF Care



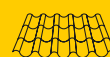
All numerical values and physicochemical characteristics of the products given in the catalogue are indicative and illustrative. The company does not assume any responsibility for any errors or mistakes in editing and printing as well as reserves the right to make changes to product specifications.



Modular roofing tiles
MODULAR SERIES



Compact roofing tiles
COMPACT SERIES



Steel roofing tiles
CLASSIC SERIES



Retro roof tiles
RETRO SERIES



Roof panels
PANEL SERIES



INTEGRATED
PV PANELS



Steel roof gutter system
INGURI



TRAPEZOIDAL
SHEETS



FLAT METAL
SHEETS



FLASHINGS



ACCESORIES



Roof Sandwich
PANELS



Wall Sandwich
PANELS



Facade cladding
SKRIN, LINEA, SINUS



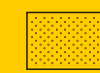
Wall cassette &
PROSYSTEM



Slitting and recoiling
SERVICES



Cut to lenght
SERVICES



PERFORATION
of sheets