



Factsheet - **FIT VOLT**

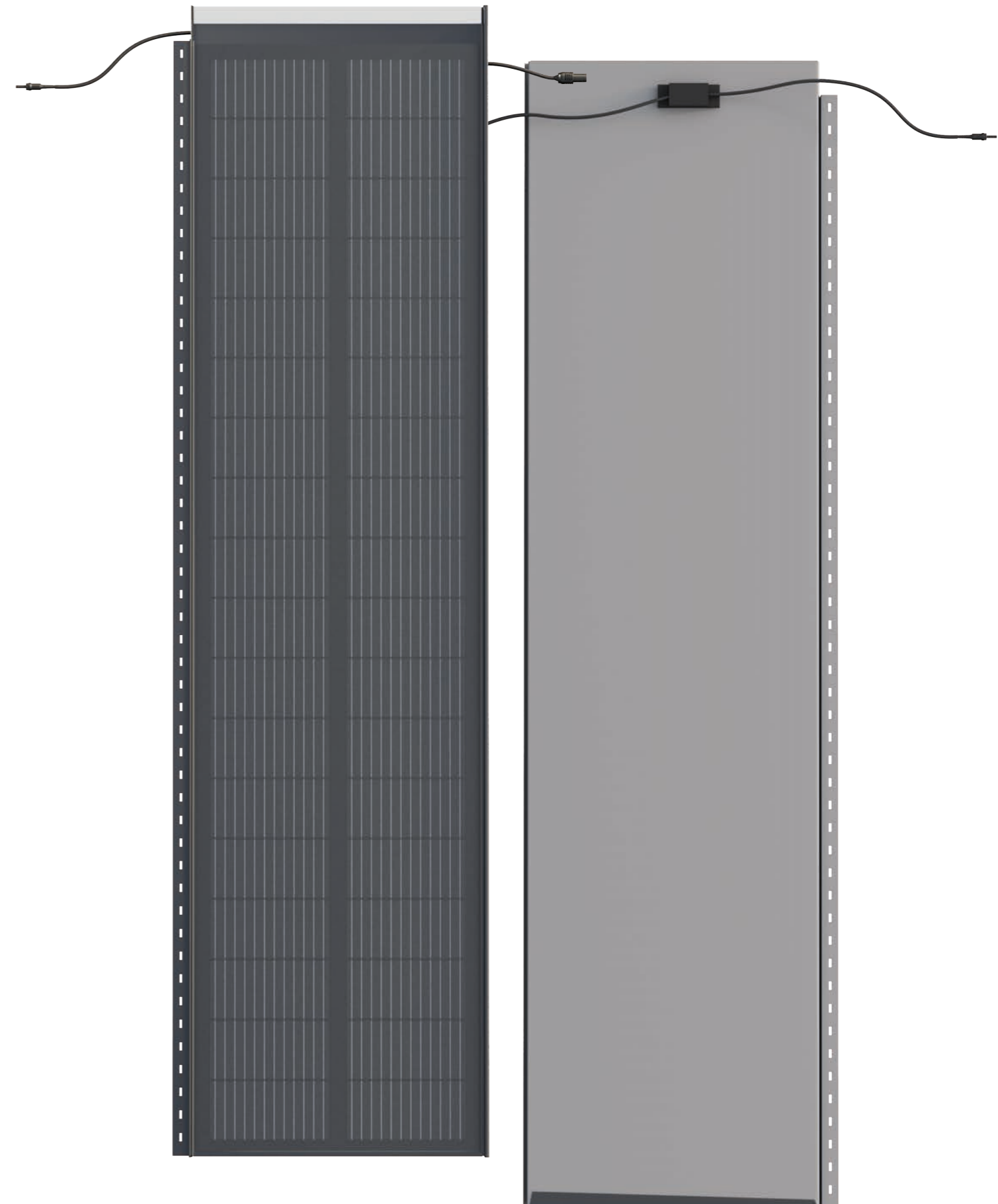


THE POWER OF ROOFS



Technical information

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



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:

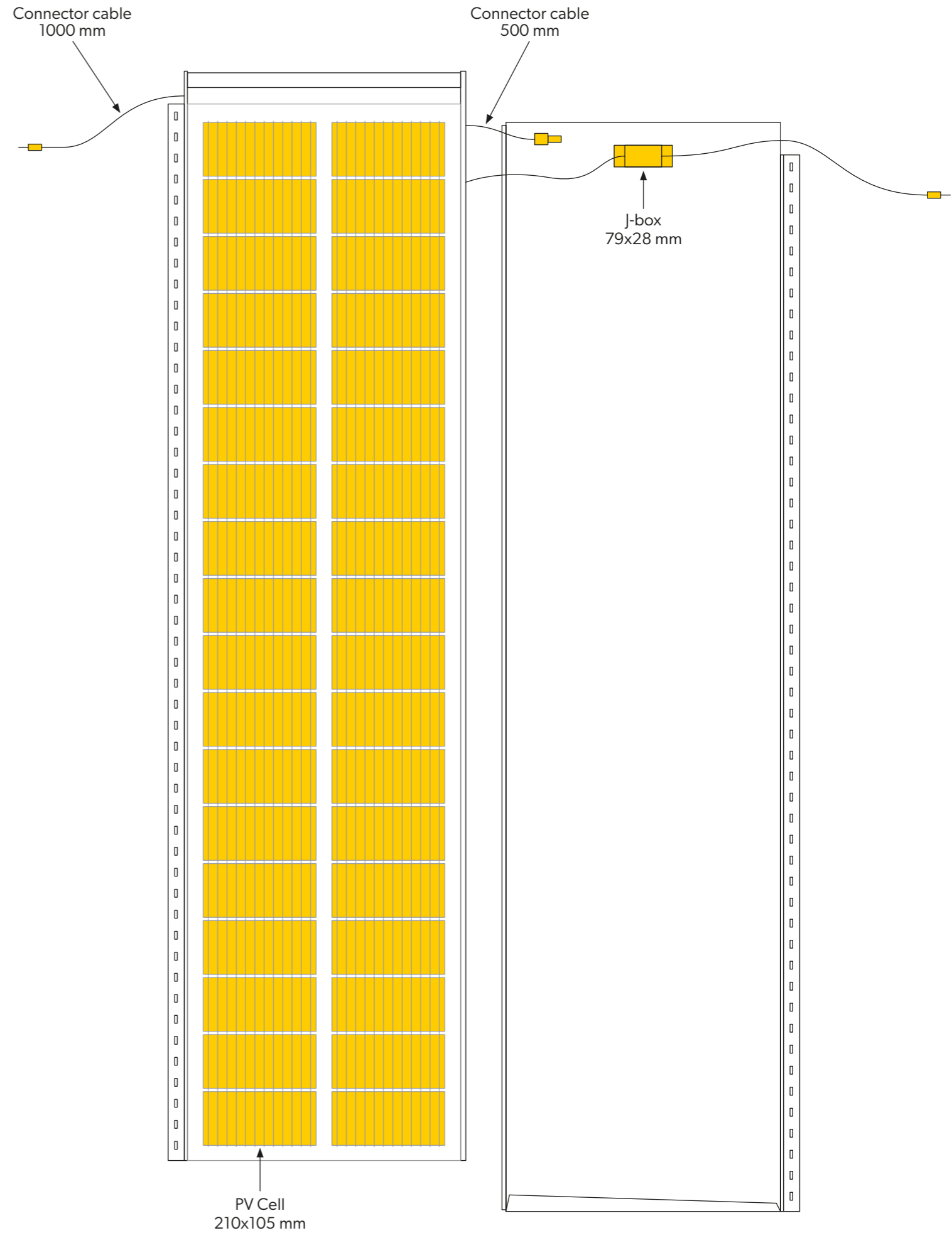
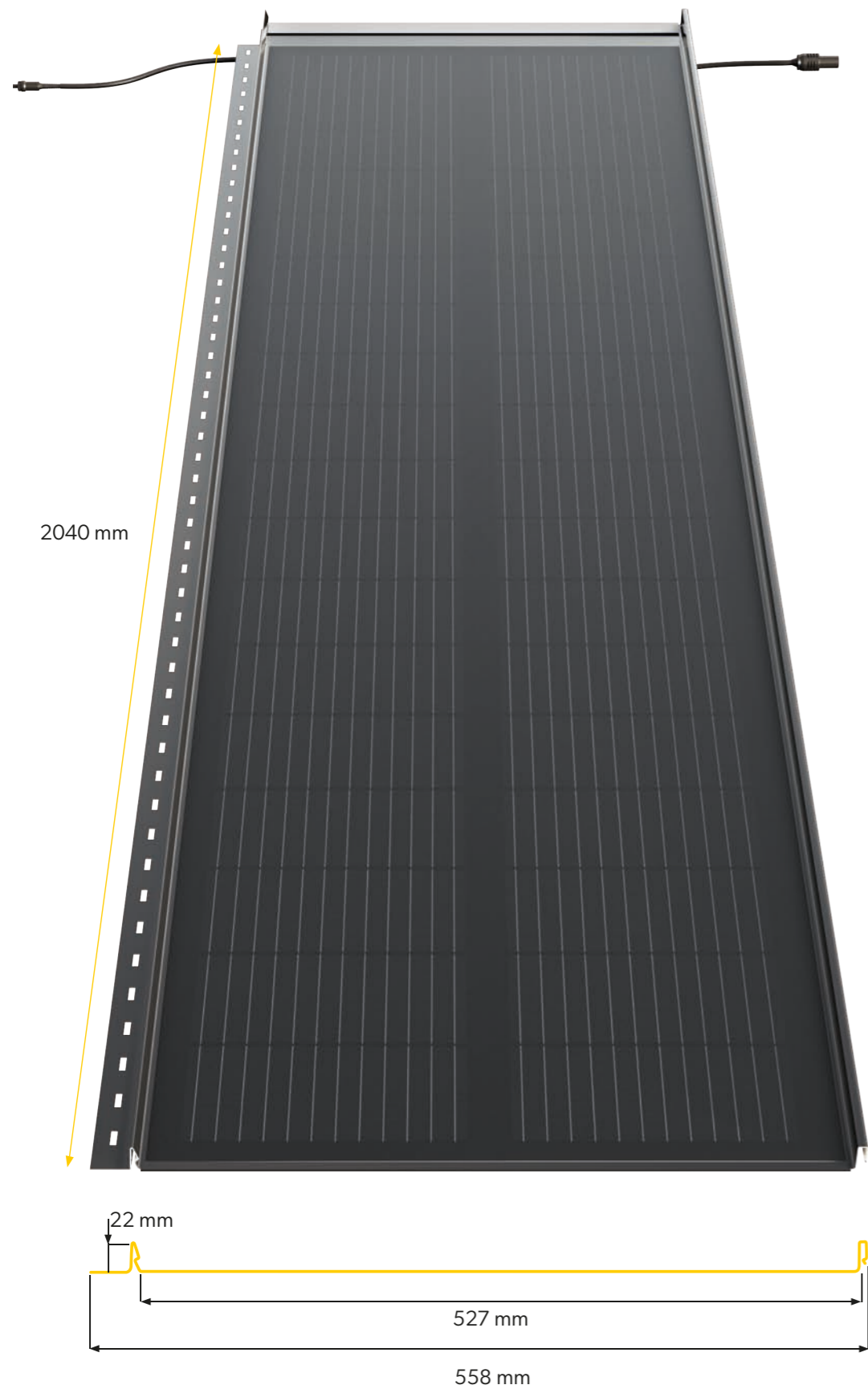
- IEC 61215-1:2016 (functionality of the PV modules),
- IEC 61730-1:2016 (PV module safety),
- EN 13501-5:2016 BROOF (T1) (fire protection),
- ISO 9001:2015 (quality management systems).



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



Technical information





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