



Factsheet - **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 EVO2
Connector compatibility	MC4
Connection cables	4 mm, asymmetrical
Glass type	Tempered glass

Packaging information

Panels per pallet	17
Pallet dimensions (length x width x height)	220x66x80 cm

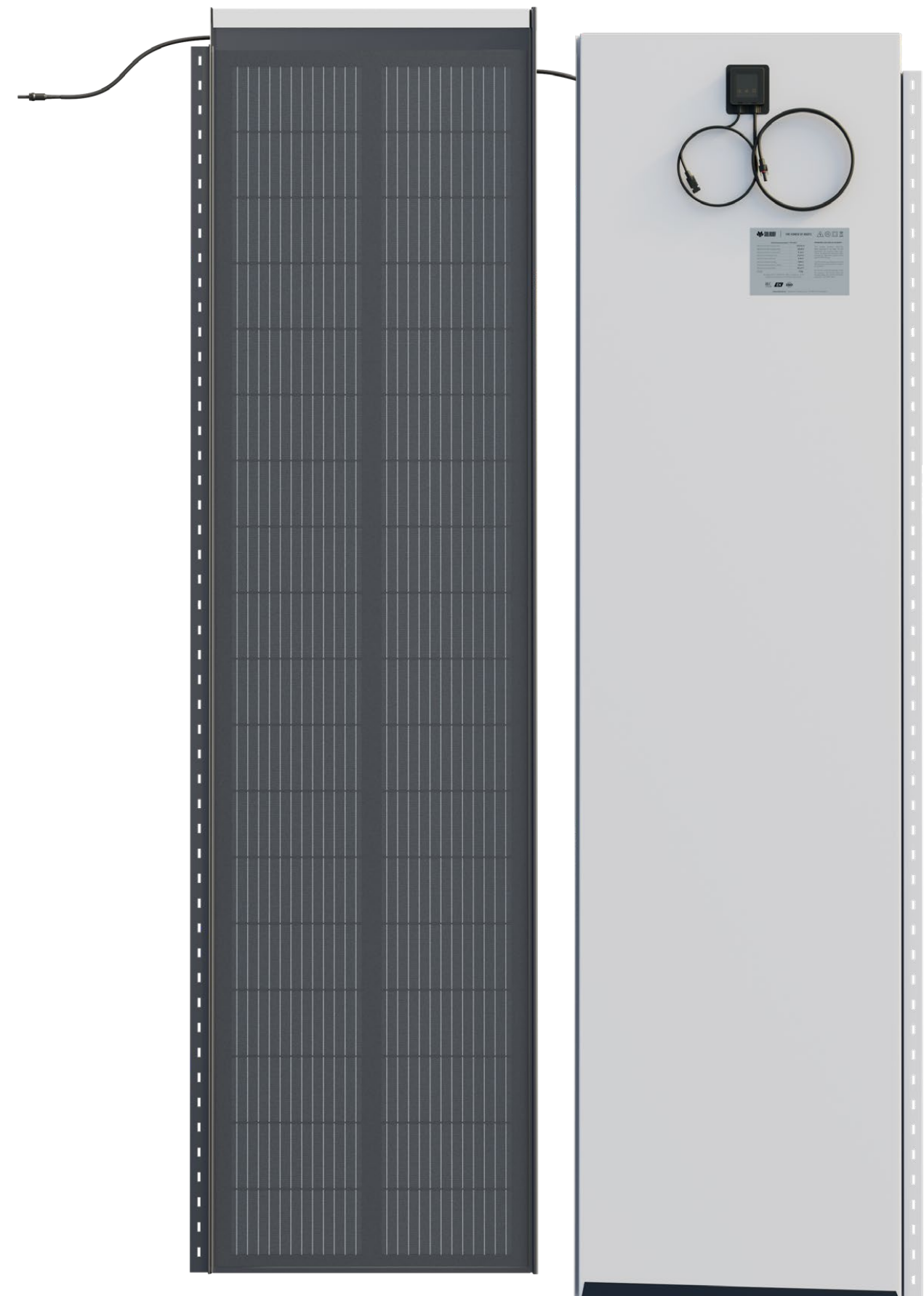
All ratings at STC: 1000 W/m². AM 1,5 spectrum, 25 °C
Measurement tolerance ± 3% (Voc, Pmax and Isc)

PV technical information

Number of cells	36
Maximum power (Pmax)	165 W
Maximum Power of active part (W/m ²)	208 W/m²
Maximum Power Voltage (Vmp)	20,77 V
Maximum Power Current (Imp)	7,81 A
Open Circuit Voltage (Voc)	24,75 V
Short Circuit Current (Isc)	8,33 A
Maximum System Voltage	1000 V
Cell type	monocrystalline cells PERC 210mm Half-cut 2x18
J-box rating	IP68

Safety information

Static load	1600 N/m² (1.6 kPa)
Negative Static Load (Wind Suction)	1600 N/m² (1.6 kPa)
Hail impact resistance	25mm max diameter, speed 23m/s
Current temperature coefficient (α):	+0,032 %/°C
Temperature coefficient of voltage (β):	-0,263 %/°C
Temperature coefficient of power (δ):	-0,341 %/°C
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:

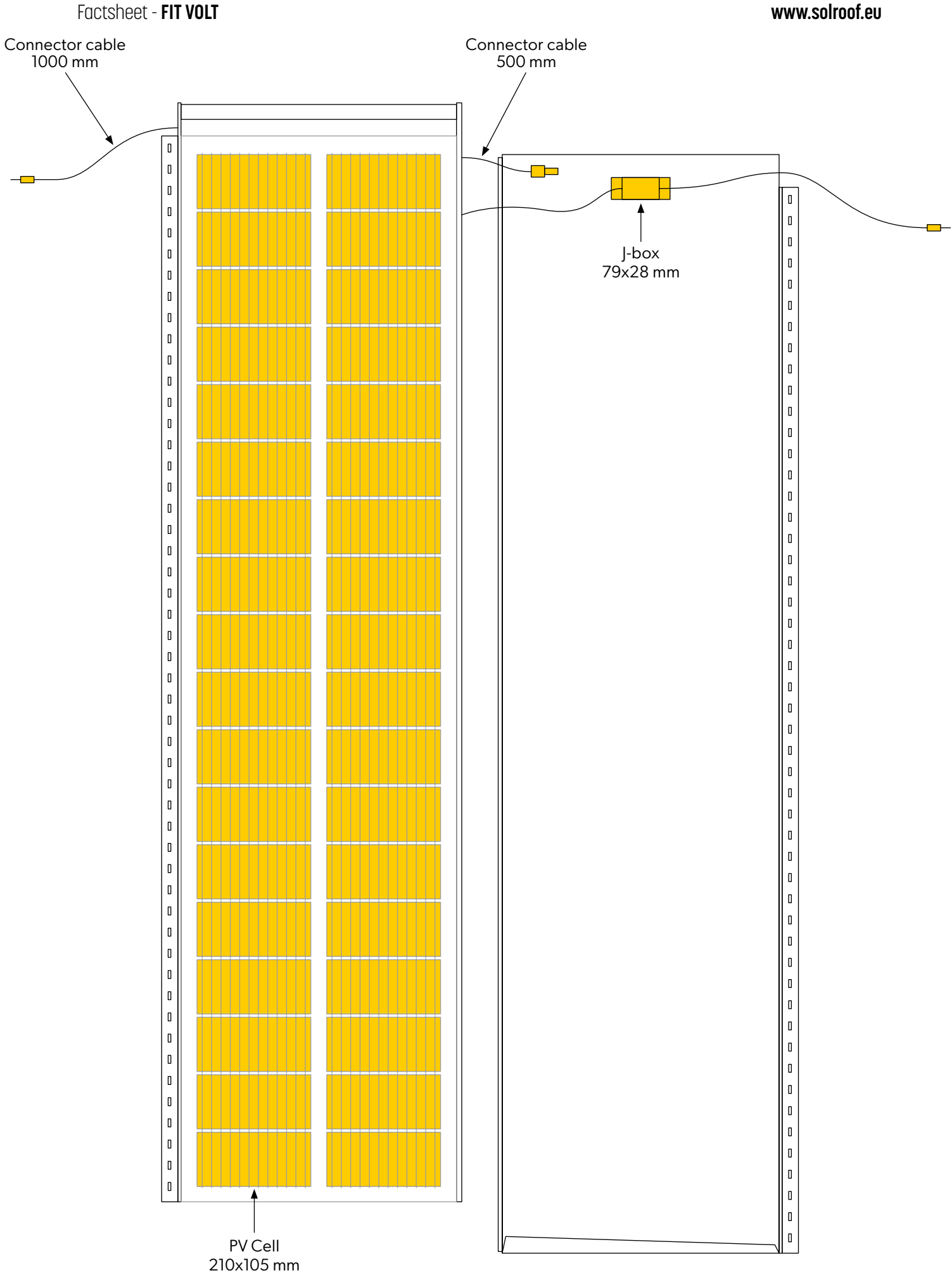
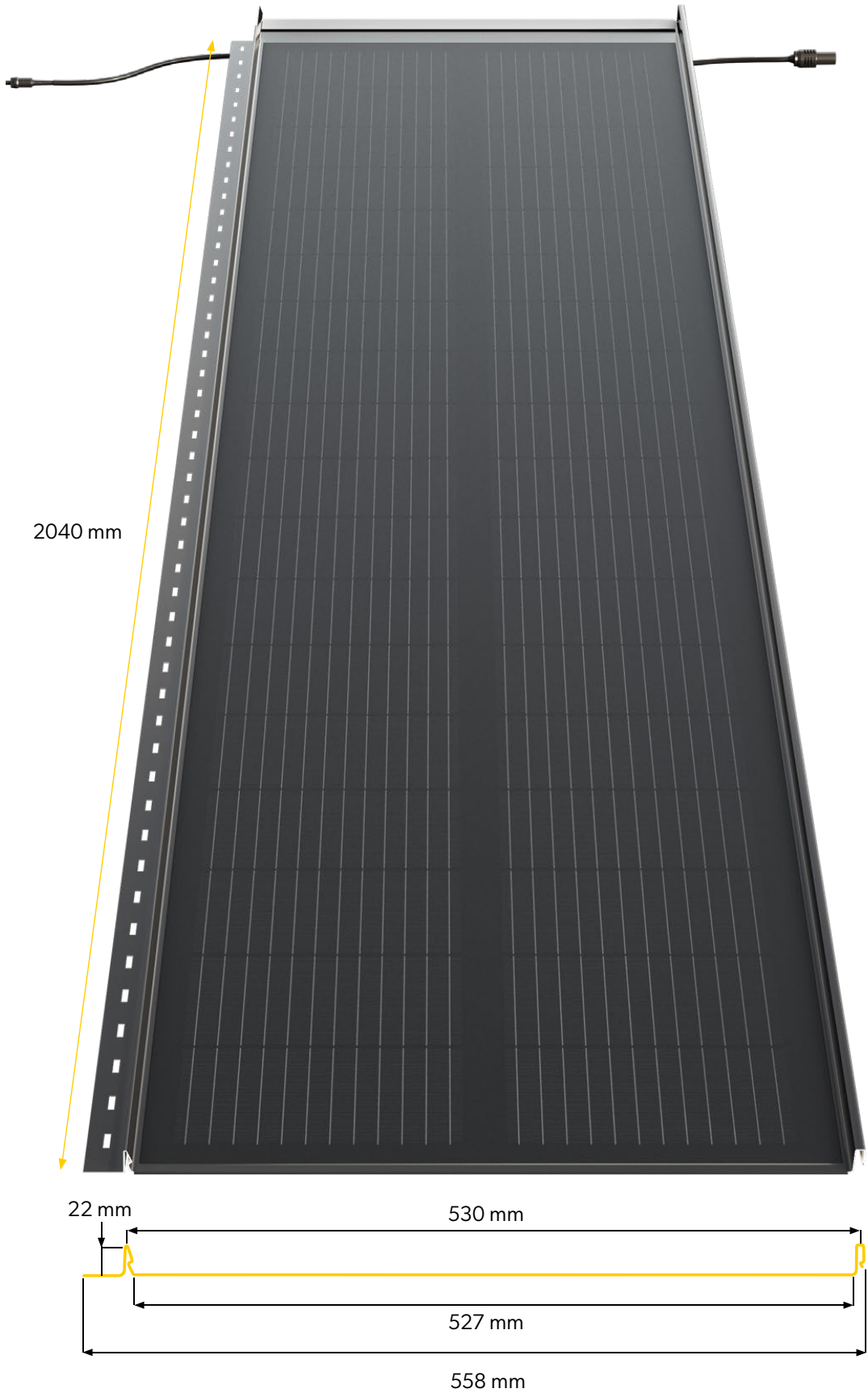
- IEC 61215-1:2016 (functionality of the PV modules),
- IEC 61730-1:2016 (PV module safety),
- EN 13501-5:2016 BROOF (T1) (fire protection),
- ISO 9001:2015 (quality management systems).



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



Technical information





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