Rev. 20260319

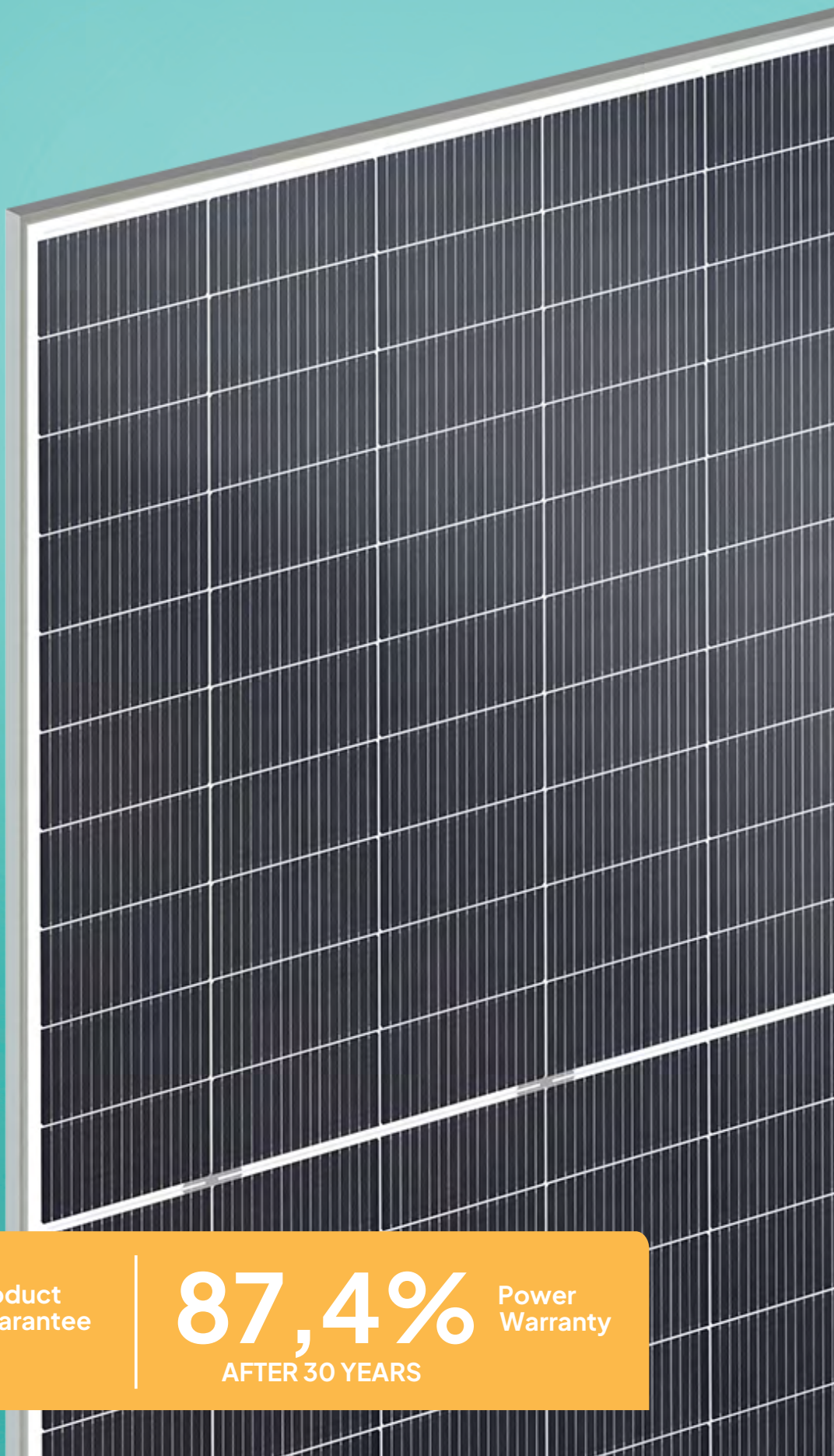
SoliTek

Forza

650 W

2+2 mm glass

Suitable for FER X Nzia program



25 YEAR Product Guarantee

87,4% AFTER 30 YEARS Power Warranty

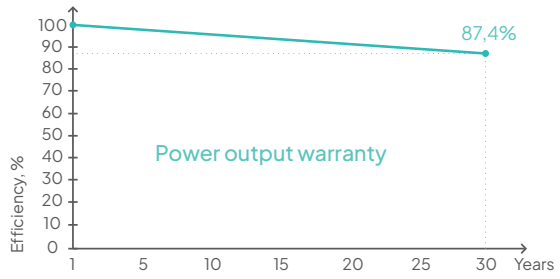
Electrical data (STC*)

Maximum power (W)	650
Cell technology	N type, TOPCon - bifacial
Open circuit voltage (V_{OC}/V)	44,28
Short circuit current (I_{SC}/A)	18,48
Max power voltage (Vmpp/V)	37,30
Max power current (Impp/A)	17,43
Module efficiency (n)	22,97 %
Max system voltage (V)	1500
Max current (A)	35
Power tolerance	0/+5W

*Under standard test conditions (STC) of irradiance of 1000W/sq.m., spectrum AM 1.5 and cell temperature of 25°C. Flash testing measurment accuracy of +/-5%.

Warranty

25 years product warranty	
30 years efficiency warranty	
First year degradation (%)	1
Annual degradation (%)	0,40
Power in year 30 (%)	87,4%



Certifications

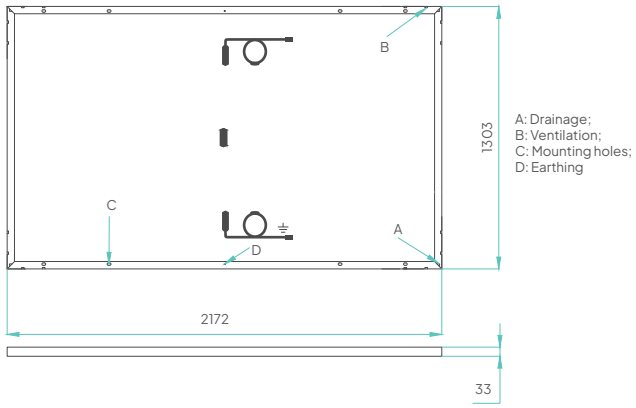
IEC 61215:2021; IEC 61730:2023	
IEC 62716:2013	Ammonia corrosion testing
IEC 61701:2020	Salt mist corrosion testing
ISO 9001:2015	Quality management systems
ISO 14001:2015	Environmental management systems
ISO 45001:2018	Occupational health and safety

Temperature ratings

Current temperature coefficient (˜)	+0,045% / °C
Voltage temperature coefficient (°)	-0,250% / °C
Power temperature coefficient (˛)	-0,300% / °C
Nominal operating module temperature	45 °C

Mechanical data

Dimensions (LxWxH) (mm)	2172x1303x33
Weight (kg)	34,2
Front glass (mm)	2 structured, low reflection, with AR coating
Back glass (mm)	2, white
Cell Size (mm)	210x105
Cell configuration	6x20
Frame	White anodized aluminium frame
Rated operating altitude (m)	Up to 2000
Operating temperature (°C)	-40 ÷ +85
Maximum test load (wind/snow) (Pa)	2400/5400
Junction box / IP class	Split junction box / IP68
Cable cross section size (mm^2)	4
Cable length (m)	1,3
Bypass diodes	3
Connector	MC4 compatible



Packing information

Modules per pallet (pcs)	33
Modules per 13,6 m truck (pcs)	594

SoliTek

This datasheet is not legally binding. The manufacturer reserves the right to make changes to product specifications and / or product features without prior notice. The most recent versions of all documents (T&C's, datasheets, warranties and installation manuals) can always be found on our website at www.solitek.eu

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