

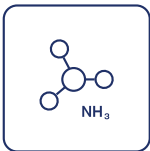
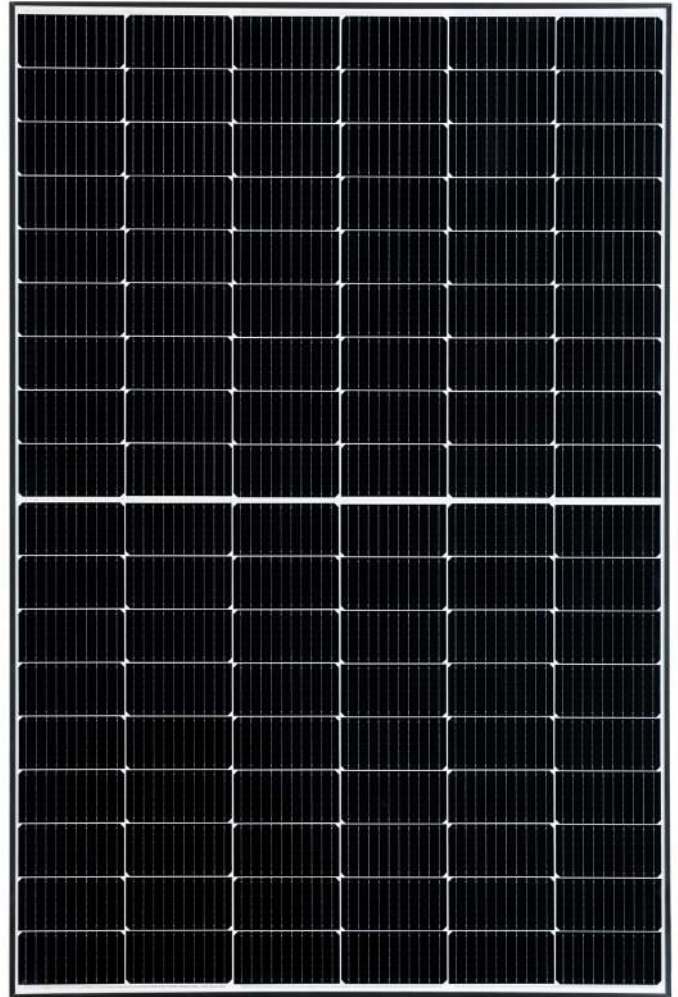
# SoliTek Standard

Framed \_ Glass/Backsheet

108 cell

## SoliTek Standard

Standard 108 halfcut cell module with white backsheet



Ammonia resistance



Salt mist resistance



35% of recycled glass content

Positive sorting up to +5W

Standard ⚡ 415W

**20** Year product warranty

**84,8%** Power warranty

**25** Year efficiency warranty

Working conditions	
Maximum system voltage	DC 1000 V (TUV)
Operating temperature	-40 °C / +85 °C
Maximum reverse current	20
Maximum test load (wind/snow)	2400/5400 Pa
IP protection level	68
Safety class	II

Electrical parameters	
Maximum power (Pmax/W)	415
Max power point voltage (Vmpp/V)	31,50
Max power current (Impp/A)	13,17
Open circuit voltage (V <sub>oc</sub> /V)	37,50
Short circuit current (I <sub>sc</sub> /A)	13,93
Efficiency (n)	21,25 %

\*Under standard test conditions (STC) of irradiance of 1000W/m<sup>2</sup>., spectrum AM1.5 and cell temperature of 25°C. Flash testing measurement accuracy of +/-5%.

Mechanical data	
Cell Size (mm)	182x91
Number of cells	108 (6x18)
Front glass (mm)	3,2
Weight (kg)	22
Dimensions (L x W x H) (mm)	1722x1134x30
Junction box/IP class	Split junction box/IP68
Cable length (m)	1,1
Cable cross section size (mm <sup>2</sup> )	4
Number of diodes	3
Connector	MC4 compatible
Frame	Black anodized aluminium frame

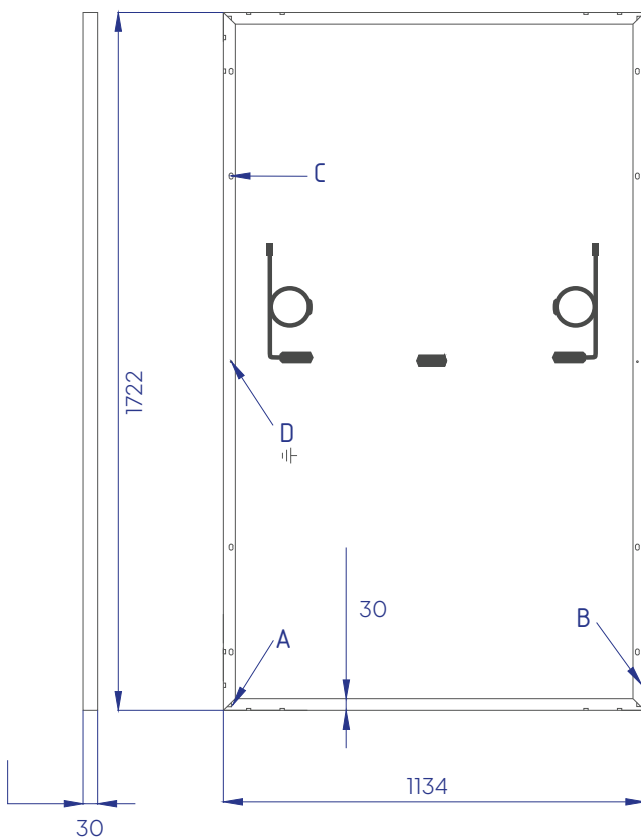
Temperature coefficients	
Current temperature coefficient (α)	+0.049% / °C
Voltage temperature coefficient (β)	-0.29% / °C
Power temperature coefficient (δ)	-0.36% / °C
Nominal operating module temperature	43±2 °C

Warranty	
20 years product warranty	
25 years efficiency warranty	
First year degradation (%)	2 %
Annual degradation (%)	0.55 %
Power in year 25 (%)	84.8 %

Packing information	
Modules per pallet	35 pcs
Dimensions of a pallet (LxWxH)	1770x1180x1285 mm
Weight of a pallet (gross)	800 kg
Pallets per 13.6 m truck	28 pcs
Modules per 13.6 m truck	980 pcs

Certifications	
IEC 61215:2016; IEC 61730:2016;	
IEC 62716:2013	Ammonia corrosion testing
IEC 61701:2011	Salt mist corrosion testing
ISO 9001:2015	Quality management systems
ISO 14001:2015	Environmental management systems
ISO 45001:2018	Occupational health and safety
Produced using 100% renewable energy	
Membership at Svensk Solenergi	

## Dimensions & Mounting



A: Drainage; B: Ventilation; C: Mounting holes; D: Earthing;



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