TIER 1 BloombergNEF

Deutsche
Qualität
Garantiert

SOLERON
POWERING THE FUTURE

N-TYPE TOPCON TECHNOLOGY

SLR-HC-750

730W-750W



More power, less degradation

24.35%

MAXIMUM EFFICIENCY

132 Half Cells

N-TYPE TECHNOLOGY

N-type modules with TOPcon technology offer lower LID/LeTID degradation and better low light performance

LID RESISTANT

PID RESISTANT

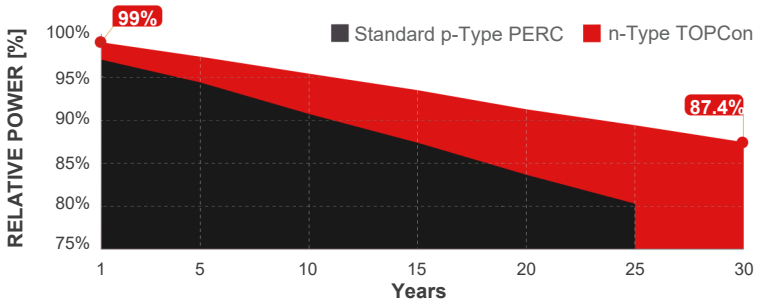
SALT CORROSION RESISTANT

SAND RESISTANT

AMMONIA RESISTANT

HIGHLY STABLE AND TOUGH

PERFORMANCE WARRANTY



SYSTEM AND PRODUCT CERTIFICATIONS

IEC 61215 IEC 61730

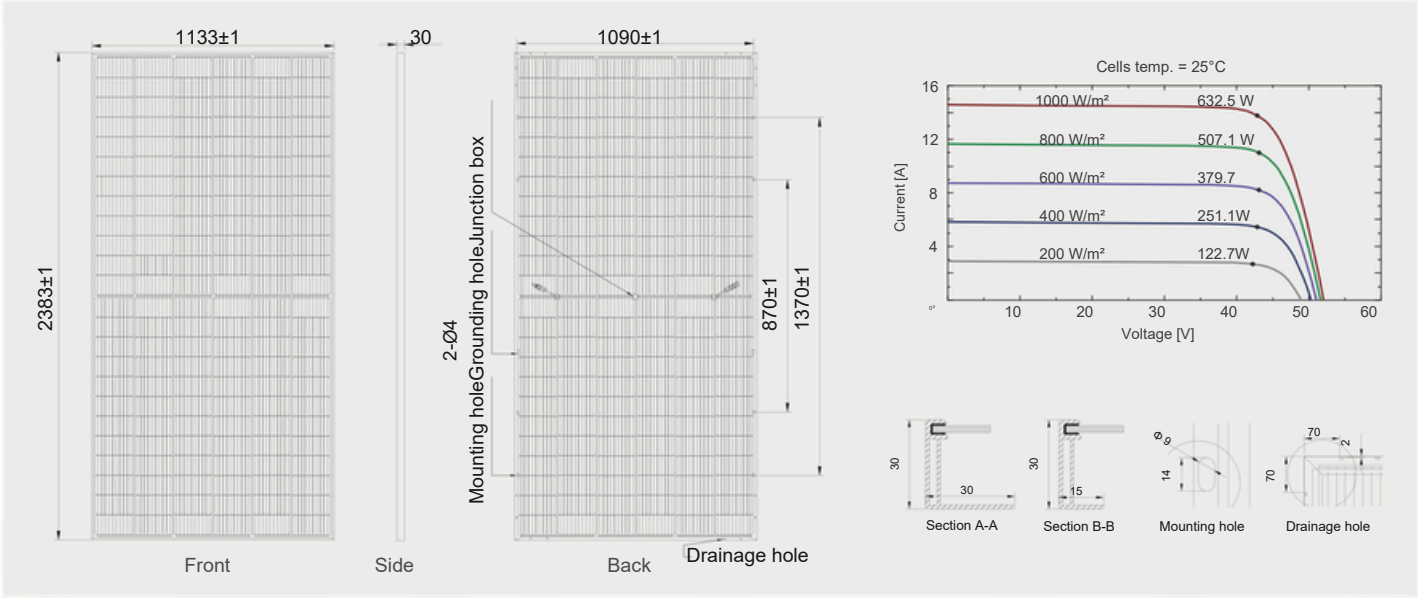
Regular Production Surveillance

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SLR-HC-750 730W-750W

BIFACIAL - MAX YIELD



Electrical specifications (STC*):

Nominal max. Power	P_{max} (Wp)	635	640	645	650	655
Maximum operating voltage	VMPP (V)	44,33	44,51	44,68	44,86	45,04
Maximum operating current	IMPP (A)	14,32	14,38	14,44	14,49	14,54
Open-circuit voltage	Voc (V)	53,09	53,28	53,46	53,65	53,84
Short-circuit current	Isc (A)	15,38	15,46	15,55	15,63	15,71
Module efficiency	η (%)	23,51	23,69	23,88	24,06	24,25
Power tolerance	(W)			0~+3		
Maximum system Voltage	(V)			1500		
Maximum series fuse rating	(A)			30		

*STC: Standard Test Conditions (irradiance 1000 W/m², cell temperature 25°C and air mass of AM1.5), measurement tolerance Pmax: ±3%

BIFACIAL OUTPUT-REARSIDE POWER GAIN (NMOT*):

Nominal max. Power %10	P_{max} (Wp)	698,50	704,00	709,50	715,00	720,50
Maximum Power %15	Pmax (Wp)	730,25	736,00	741,75	747,50	753,25
Module Efficiency %15	STC (%)	27,03	27,25	27,45	27,67	27,89
Maximum Power %20	Pmax (Wp)	762,00	768,00	774,00	780,00	786,00
Module Efficiency %20	STC (%)	28,21	28,43	28,65	28,88	29,10

*NMOT: Normal Module Operating Temperature (irradiance 800 W/m², ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)

Mechanical and design specifications

Cell type	n-Type TOPCon technology, half-cut cells
No. of cells	132
Front cover	high transmission, AR coated, tempered glass
Encapsulation	POE
Back cover	white tempered glass or transparent backsheet
Junction box	IP68 rated, 3 bypass diodes
Frame	30 mm anodized aluminium alloy
Cable	1 x 4 mm², 350 mm length or customized
Connectors	MC 4 / MC 4 compatible
Dimension	2382 mm x 1134 mm x 30 mm
Weight	32,6 kg
Hail resistance	Max. Ø 25 mm at 23 m/s
Wind load	2400 Pa or 244 kg/m²
Snow load	5400 Pa or 550 kg/m²

Temperature ratings

Operating temperature	-40 to +85°C
Temp. coefficient of P_{max}	-0.29 %/°C
Temp. coefficient of V_{oc}	-0.25 %/°C
Temp. coefficient of I_{sc}	0.046 %/°C
Nom. operating cell temp. NOCT	42 ± 2°C

Packaging information

Packaging configuration	37 pcs / pallet
Loading capacity	740 pcs / 40 HQ
Size / Pallet	2310 mm x 1140 mm x 1245 mm
Weight	1220 kg / pallet

The specifications and characteristics contained in this datasheet may deviate slightly from our actual products due to the product developments and uncertainty of measurement devices. The specifications included in the datasheet are subject to change without prior notice.

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