luxra® PURE ENERGY



LOW REFLECTION

Suitable for applications with severe Glare requirements (e.g. next to roads or airports and residential complexes). Also available in deeply textured Anti-Glare glass.

HIGHEST PERFORMANCE

Excellent N-type TOPCon bifacial cell efficiency for output up to maximum performance of 735 Wp and 23.66% module efficiency.

LIGHT WEIGHT

Low module weight with double glass for maximum high static load on front side and high hail resistance.

DESIGN AND SECURITY

Fully compatible with mainstream system designs. Generate high revenues due to dual sided power generation with significantly lower operating temperatures. Lower EPC and BOS costs, increases your project yield.

UTILITY SCALE EFFICIENT AND BANKABLE

LUXRA® PURE MODULE LX-735N

THE POWERFUL AND RELIABLE SOLAR MODULE FOR MULTI-APPLICATION SOLUTIONS

SOLARIF CERTIFIED

Inherent defect coverage for certified panels with inline-quality inspection

30 YEARS GUARANTEED

Performance Guarantee 30 years linear power output warranty

30 YEARS WARRANTY

Product Warranty 30 years limited warranty on product quality

SWISS BRAND

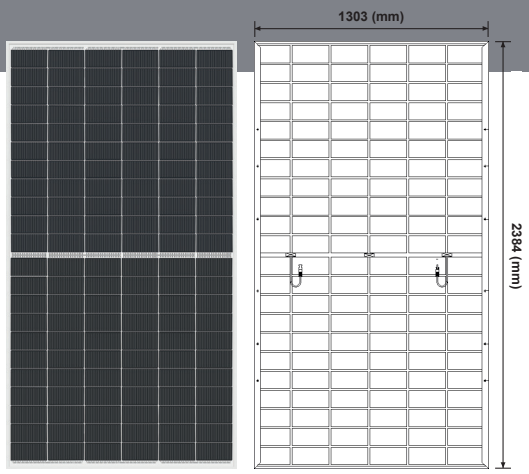
Certified B® Corporation

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LUXRA® PURE LX-735N-66HC-BFGG (TOPCON) TECHNICAL DATA

UTILITY SCALE - EFFICIENT AND BANKABLE

23.66%	0-3%	<2%	0.4%	INNOVATION SMBB & HALF CUT CELLS
MODULE EFFICIENCY	POWER TOLERANCE	FIRST YEAR POWER DEGRADATION	YEAR 2-30 POWER DEGRADATION	LOWER OPERATION TEMPERATURE



ELECTRICAL DATA AT STC*

Peak Power (Pmax)	(W)	720	725	730	735
Maximum Power Voltage (Vmp)	(V)	41,03	41,20	41,37	41,53
Maximum Power Current (Imp)	(A)	17,55	17,60	17,65	17,70
Open-circuit Voltage (Voc)	(V)	49,35	49,45	49,55	49,65
Short-circuit Current (Isc)	(A)	18,52	18,60	18,68	18,75
Module Efficiency	(%)	23,18	23,34	23,50	23,66
Operating Temperature		- 40° ~ + 85° C			
Maximum System Voltage		1500V			
Maximum Series Fuse Rating		30A			
Power Tolerance		0~+3%			

*STC (Standard Test Condition): Irradiance 1000W/ m2, Module Temperature 25° C, AM 1.5

ELECTRICAL DATA AT NMOT*

Peak Power (Pmax)	(W)	544	548	552	555
Maximum Power Voltage (Vmp)	(V)	38,54	38,70	38,86	39,01
Maximum Power Current (Imp)	(A)	14,12	14,16	14,20	14,24
Open-circuit Voltage (Voc)	(V)	47,13	47,22	47,32	47,41
Short-circuit Current (Isc)	(A)	14,91	14,98	15,04	15,10

*NMOT (Under Nominal Module Operating Temperature), Irradiance of 800W/ m2, Spectrum AM 1.5, Ambient Temperature 20°, Wind Speed 1m/s

TEMPERATURE CHARACTERISTICS

Temperature coefficient of Pmax	- 0,32%/k
Temperature coefficient of Voc	- 0,27%/k
Temperature coefficient of Isc	0,046%/k
NMOT	43 ± 2° C

MECHANICAL DATA

Cell Type	Mono-Crystalline N-TYPE TOPCon, 210*105mm
Cell Arrangement	132pcs (2(6x11))
Dimensions (LxWxH)	2384 x 1303 x 33 mm
Weight	37 kg
Front Cover	2.0 mm high transmittance, AR coated tempered glass
Back Cover	2.0 mm high transmittance, heat strengthened glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable Type	4mm²
Length of Cable	(+) 300 mm / (-) 300 mm or customized length
Connector	Compatible with MC4 PV Connector
Mechanical Test Load	Front - 5400Pa - Rear - 2400Pa

PACKAGING

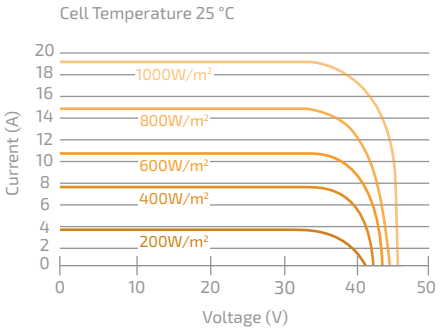
Packing Type	40 ft HQ
Piece/ Pallet	33
Piece/ Container	594

WARRANTY

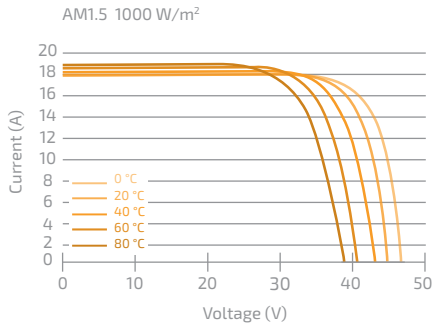
Product Material & Workmanship	30 years
Linear Performance Warranty	30 years

IV Curves for Front-Side Illumination of 735 Wp Panel

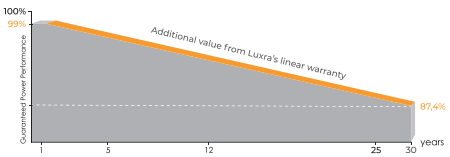
CURRENT - VOLTAGE CURVE UNDER DIFFERENT IRRADIANCE



CURRENT - VOLTAGE CURVE UNDER DIFFERENT WORKING TEMPERATURES



LINEAR PERFORMANCE WARRANTY



The information contained in these specifications is subject to change without prior notice.
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