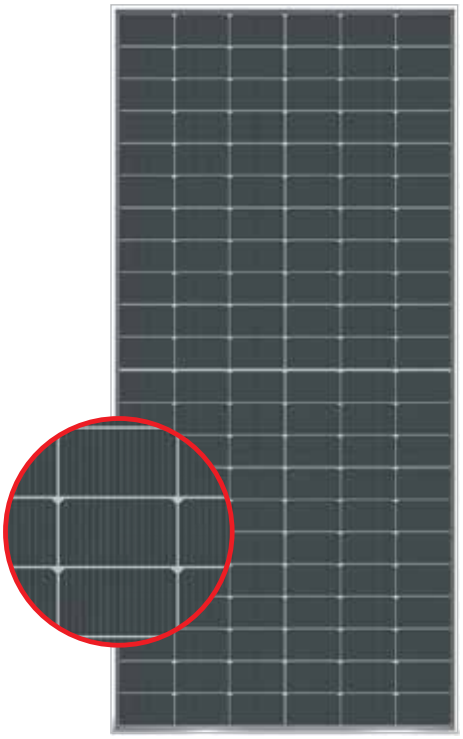
DUAL GLASS BIFACIAL N-TOPCON MODULE-144 CELLS

SL144GTG-XXX T-
580 - 600Wp



Module image for representation purpose only.

N-type Technology

Delivers lower LID/LeTID degradation and superior low-light performance.

Better LCOE

Bifacial gain increases with rear-side light exposure, boosting energy yield and reducing LCOE.

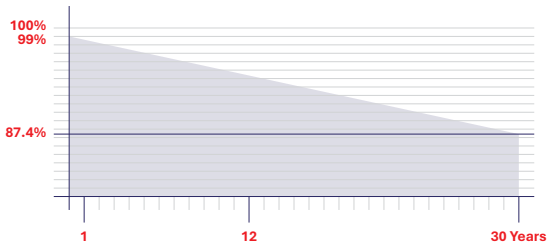
Enhanced Strength & Reliability

Dual glass structure.

Smart Manufacturing

AI-enabled quality control & 100% automation.

WARRANTY & CERTIFICATIONS



12 YEARS WARRANTY
Product Warranty

1% 1ST YEAR
1st Year Degradation upto 1%

2 - 30 YEARS
Linear Power Warranty upto 0.40% Degradation/year.

IEC 61215, IEC 61730, IEC 61701, IEC 62716, IEC 62804, IEC 60068-2-68, IEC 61853-1&2, IEC 63209-1, IS 14286, UL 61730, MCS*, PVCycle*

* In process

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PHYSICAL PARAMETERS

No of cells	144 Half cut - 16BB
Module Dimensions	2278 mm x 1134 mm
Module Thickness	30 mm
Approximate Weight	31.5 kg
Solar Cell Type	M10 (182.2 mm x 182.2 mm) / M10R (182.2 mm x183.75 mm)
Cable	No 12 AWG, 4 mm² 300 mm OR (Customize Length)
PV connector	MC4 Compatible
Frame	Anodized aluminium alloy
Junction Box	IP68 Split Junction Box with 3 bypass diodes (30A)
Glass Front	2.0 mm AR coated low iron
Glass Back	2.0 mm Low iron, Heat strengthened

ELECTRICAL PERFORMANCE

MODEL NAME	SL144GTG -580 T	SL144GTG -585 T	SL144GTG -590 T	SL144GTG -595 T	SL144GTG -600 T
Power Pmax(0~+4.99)Wp	580	585	590	595	600
Maximum Voltage, Vmpp	42.85	43.03	43.22	43.42	43.61
Maximum Current, Impp	13.54	13.60	13.66	13.71	13.77
Open Circuit Voltage, Vo	51.72	51.92	52.11	52.31	52.50
Short Circuit Current, Isc	14.16	14.21	14.27	14.33	14.38
Module Efficiency (%)	22.46	22.65	22.85	23.04	23.25

STC: Irradiance 1000W/m2, Cell Temperature 25°C, AM=1.5,*Power measurement tolerance : ±3%

BNPI PERFORMANCE

MODEL NAME	SL144GTG -580 T	SL144GTG -585 T	SL144GTG -590 T	SL144GTG -595 T	SL144GTG -600 T
Maximum Pmax (0~+4.99) Wp	638.58	644.09	649.59	655.1	660.6
Maximum voltage Vmpp (V)	42.85	43.03	43.22	43.42	43.61
Maximum Current, Impp (A)	14.91	14.97	15.04	15.09	15.16
Open Circuit Voltage Voc (V)	51.72	51.92	52.11	52.31	52.5
Short Circuit Current, ISC (A)	15.59	15.65	15.71	15.78	15.83

BNPI: Irradiance: front 1000W/m2, rear 135W/m2, Cell Temperature 25°C, AM=1.5,
Power measurement tolerance : ±3%

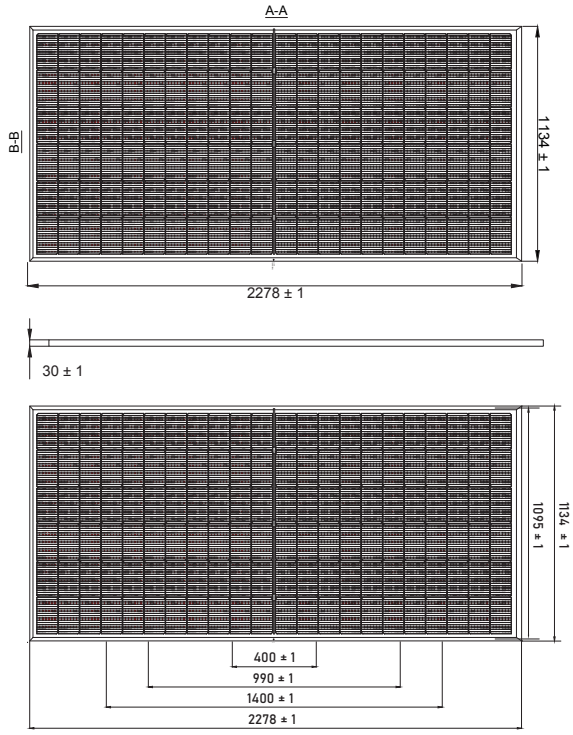
CONDITIONS

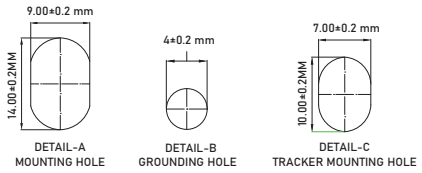
Operating Temp	-40 °C To +85 °C
Max System Voltage	1500 VDC
Max Series Fuse Rating	30 A
Temp Coefficient Pmax	-0.29 % / °C
Temp Coefficent Voc	-0.25 % / °C
Temp Coefficent Isc	+0.05 % / °C
Bifaciality Factor	80 ± 5 %
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C

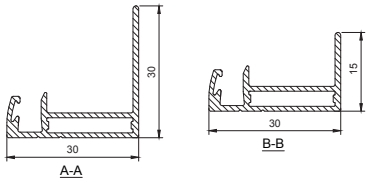
PACKAGING DATA

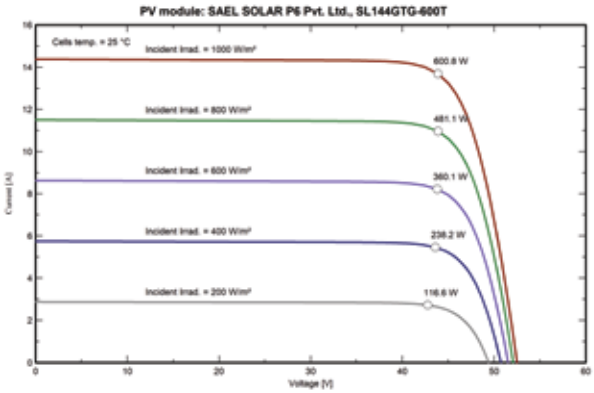
Pallet Dimensions	2295 mm x 1130 mm x 1290 mm
Packing Detail (Two pallets = One stack)	36 pcs/ pallet, 72 pcs/ stack, 720 pcs/ 40'HQ Container
Pallet Weight	1195kg

ENGINEERING DRAWINGS









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Disclaimer: "SAEL Industries Limited (the "Company") is proposing, subject to receipt of requisite approvals, market conditions and other considerations, to make an initial public offer of its equity shares and has filed a draft red herring prospectus dated November 3, 2025 read with corrigendum dated January 8, 2026 ("Corrigendum") and addendum dated February 22, 2026 ("Addendum") (collectively, "DRHP") with the Securities and Exchange Board of India (SEBI")] with the Registrar of Companies, Punjab and Chandigarh at Chandigarh. The DRHP Prospectus is available on the websites of our Company, at https://www.sael.co/investors/offer-documents/drhp/, SEBI at www.sebi.gov.in as well as on the websites of the book running lead managers, ICICI Securities Limited, Kotak Mahindra Capital Company Limited, JM Financial Limited and Ambit Private Limited, at www.icicisecurities.com, www.investmentbank.kotak.com, www.jmfl.com and www.ambit.co respectively, and the websites of the stock exchange(s) at www.nseindia.com and www.bseindia.com, respectively. Any potential investor should note that investment in equity shares involves a high degree of risk, and for details relating to such risk, see "Risk Factors" of the DRHP. Potential investors should not rely on the DRHP filed with SEBI for any investment decision."
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