

LOOM SOLAR



TOPCon N-Type Bifacial Module



600 Wp

Maximum Output Power



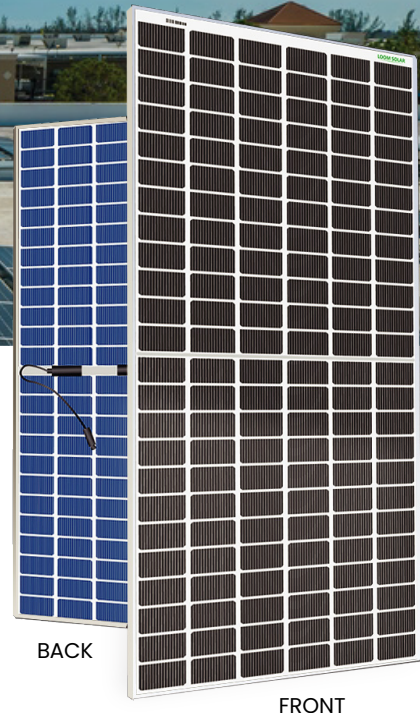
23.23%

Upto Efficiency



0±2%

Power tolerance



MORE POWER



Advance technology Halfcut - (MBB)



Bifaciality advantage more power from the back side



Better output in low irradiance



Lower temperature coefficient (Pmax): -0.29%/°C, increases energy yield in hot climate



Lower LCOE & system cost

MORE RELIABLE



Tested as per IEC 61215 & 61730 standard



Minimizes micro-crack impacts



Versatile suitable for Utility, Rooftop, and other general applications



Enhanced Product Warranty on Materials and Workmanship*



Linear Power Performance Warranty*

1st year power degradation no more than 1%

Subsequent annual power degradation no more than 0.3%

*According to the applicable Loom Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001: 2015 / Quality management system

PRODUCT CERTIFICATES*

BIS /ISO



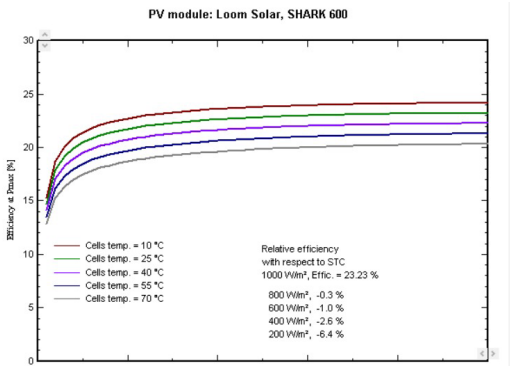
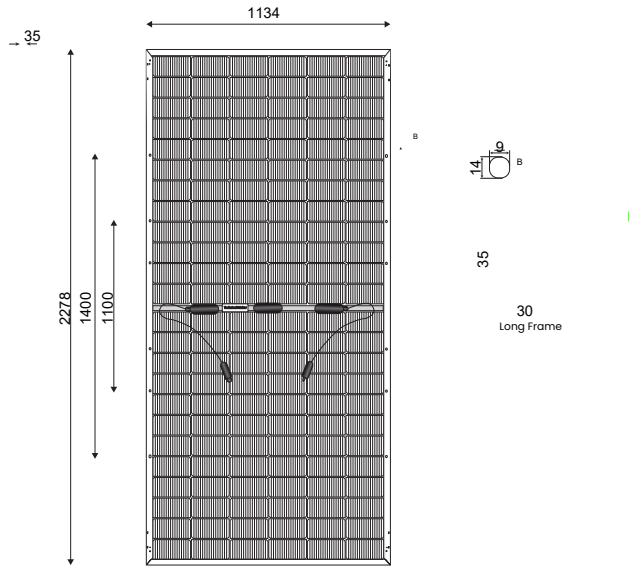
* The specific certificates applicable to different module types and markets will vary, and therefore not all of the certifications listed here in will simultaneously apply to the products you order or use. Please contact your local Loom Solar sales representative to confirm the specific certificates available for your Product and applicable in the regions in which the products will be used.

Loom Solar Pvt Ltd. Established in 2018 based out of Faridabad, Haryana, We are leading Manufacturers of quality Solar systems, providing photovoltaic (PV) Modules, energy storage batteries, and inverters to customers around the world. Operating out of 2 manufacturing facilities, 4 delivery centers spread over 1,00,000 sq. feet, with an In house R&D Facility, and a team of 150 people.

* For detailed information, please refer to the Installation Manual.

Loom Solar Pvt. Ltd.

Plot No. 14/6, Sector 27B, Faridabad, Haryana - 121003



ELECTRICAL DATA | STC*

Model Specification	SHARK
Peak Power, Pmax (Wp)	600
Maximum Power Voltage, Vmp (V)	44.78
Maximum Power Current, Imp (A)	13.84
Open Circuit Voltage, Voc (V)	51.91
Short Circuit Current, Isc (A)	14.62
Module Efficiency (%)	23.23
Power Output Tolerance-Pmax(W)	±2%
Fill Factor	81.80

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m2 , spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL DATA | NOCT

Peak Power, Pmax (Wp)	453.75
Maximum Power Voltage, Vmp (V)	42.59
Maximum Power Current, Imp (A)	10.65
Open Circuit Voltage, Voc (V)	49.31
Short Circuit Current, Isc (A)	12.67
Module Efficiency (%)	21.99
Fill Factor	72.64

* Under Nominal operating cell temperature (NOCT) of irradiance of 800 W/m2 ,spectrum AM 1.5 and cell temperature of 20°C.

MECHANICAL DATA

Specification	
Cell Arrangement	144 Cells / [12x6 12x6]
Dimensions	2278 x 1134 x 35 mm ±2mm
Area of Module (LxB)	2.58 Sqm
Weight	28 kg
Glass	3.2 mm ARC tempered glass
Frame	Anodized aluminium alloy
Junction-Box	IP68
Cable	4.0 mm²
Connector	MC4

* For detailed information, please contact your local Loom Solar sales and technical representatives.

PARTNER SECTION



Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.

*Installation instruction must be followed.See the installation manual or contact our technical service department for further information on approved installation.

*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, loom solar (india) pvt. Ltd. Reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described here in.