



SHARK 730 | HJT



730W

Maximum output power



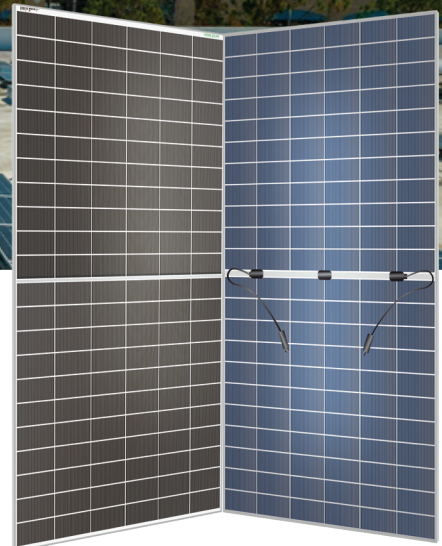
23.5%

Maximum Efficiency



0~+5 W

Power tolerance



FRONT

BACK

MORE POWER



Module power up to 730 W
Module efficiency up to 23.50 %



Up to 85% Power Bifaciality ,
more power from the back side



Excellent anti-LeTID & anti-PID performance.
Low power degradation, high energy yield



Lower temperature coefficient (Pmax): $-0.29\%/^{\circ}\text{C}$,
increases energy yield in hot climate



Lower LCOE & system cost

MORE RELIABLE



Tested up to ice ball of 35 mm diameter
according to IEC 61215 standard



Minimizes micro-crack impacts



Heavy snow load up to 5400 Pa,
wind load up to 2400 Pa*



**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

ISO 14001: 2015 / Standards for environmental management system

ISO 45001: 2018 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730 / CE / 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.

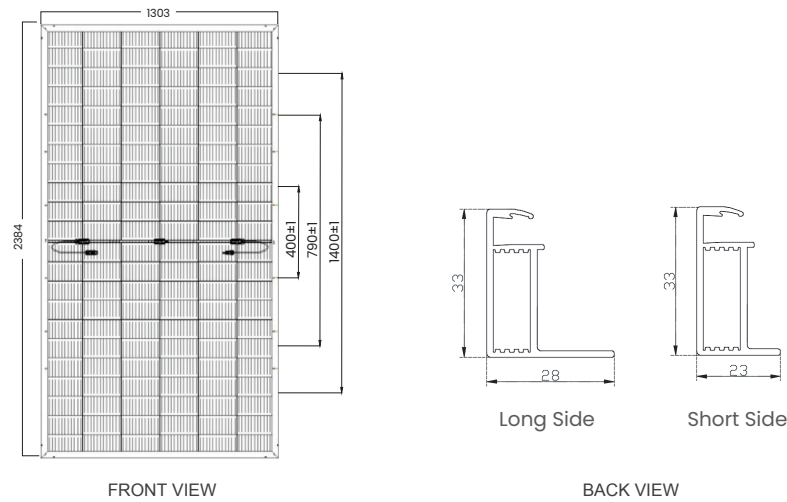
Loom Solar Pvt Ltd. is a leading manufacturer of Solar Power Generating Systems / Parts, founded in 2018 by two brothers Amol and Amod Anand. With continuous research and development effort of our team of 150+ highly skilled individuals, we manufacture the cutting edge solar products including solar panel, battery and inverter in India and sell them globally to more than 10 countries through a vast network of 10,000+ dealers and have over

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

Loom Solar Pvt. Ltd.

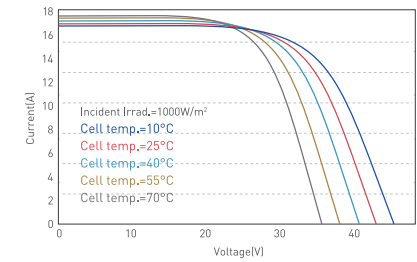
Plot No. 14/6, Sector 27B, Faridabad, Haryana - 121003

ENGINEERING DRAWING (mm)

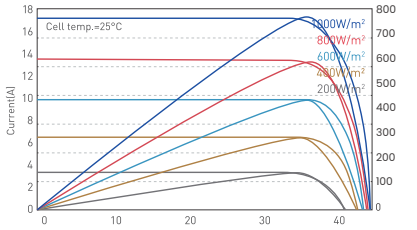


730W / I-V CURVES

I-V curves at different temperatures (730W)



I-V curves/P-V curves at different irradiance (730W)



ELECTRICAL DATA | STC*

Peak Power	730
Maximum Power Voltage	43.00
Maximum Power Current	16.98
Open Circuit Voltage	51.00
Short Circuit Current	17.80
Module Efficiency	23.50
Power Tolerance	0~+5

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

ELECTRICAL DATA

Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1500 V (IEC/UL)
Max. Series Fuse Rating	30 A
Protection Class	Class II
Power Tolerance	0 ~ + 5 W
Power Bifaciality*	85 %

* Power Bifaciality = $P_{max_{rear}} / P_{max_{front}}$, both $P_{max_{rear}}$ and $P_{max_{front}}$ are tested under STC, Bifaciality Tolerance: $\pm 5 \%$

ELECTRICAL DATA | Bifacial power gain (reference to 10 % irradiance ratio)

Peak Power	795
Maximum Power Voltage	42.97
Maximum Power Current	18.50
Open Circuit Voltage	51.13
Short Circuit Current	19.82
Module Efficiency	25.59
Power Tolerance	10%

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

* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement.Loom Solar Pvt. Ltd. reserves the right to make necessary adjustment to the information described here in at any time without further notice.

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.

PARTNER SECTION



Loom Solar Pvt. Ltd.

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

MECHANICAL DATA

Specification

Cell Arrangement	132 [6x22]]
Dimensions	2384 x 1303 x 33 mm
Weight	38.3 kg
Front Glass	2.0 mm high transmission coated glass
Back Glass	2.0 mm semi-tempered glass
Frame	Anodized aluminium alloy
Junction-Box	IP68, 3 bypass diodes
Cable	4.0 mm ²
Connector	MC4
Per Pallet	33 pieces

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

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.24% / °C
Temperature Coefficient (Voc)	-0.22% / °C
Temperature Coefficient (Isc)	+0.047% / °C
Nominal Module Operating Temperature	~45°C±2°C