



LOOM SOLAR

अपने घर हो अपनी बिजली

SHARK | 275W

ELECTRICAL DATA *STC

Model Type	SHARK 275
Maximum Power Pmax (W)	275
Maximum Power Vo;tage Vmp (V)	21.50
Maximum Power Current Imp (A)	12.80
Open Circuit Voltage Voc (V)	25
Short Circuit Current Isc (A)	13.70
Module Efficiency (%)	20.65%

Cell Temperature 25°C STC; Irrandiance at 1000W/m ,Air Mass AM 1.5

TEMPERATURE RATINGS

Temperature Coefficient of Isc (Isc)	+0.048%/°C
Temperature Coefficient of Voc (Voc)	-0.330%/°C
Temperature Coefficient of Pmax (Pmp)	-0.400%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

OPERATING PARAMETERS

Maximum System Voltage	VDC 1000V
Operating Temperature	-40°C±85°C
Maximum Series Fuse	15A

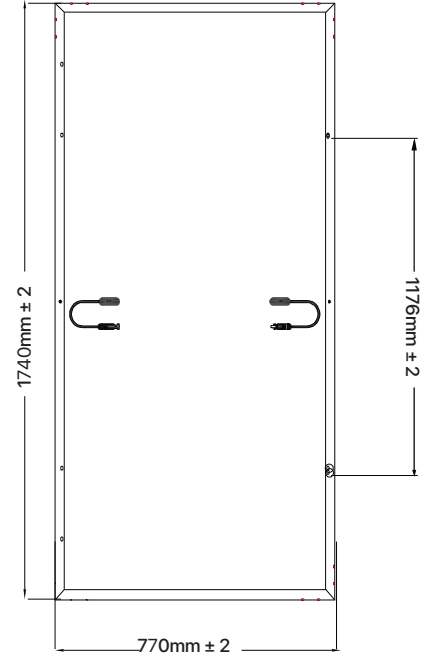
MECHANICAL DATA

Solar Cell Type	Mono Perc
Number of Cell	72 Cells (4) (9x4)
Number of Bus bar	10BB
Module Dimensions	1740mmx770mmx30mm
Weight	16 Kg
Front Glass	AR-coating toughened glass, 3.2 mm
Frame	Black Anodized Aluminium
J-Box	Split Junction Box (IP68)
Cable	700 mm, 4Sqm
Connector	MC4 IP68 compatible
Maximum Test Load, Push/ Pull	5400Pa/2400Pa

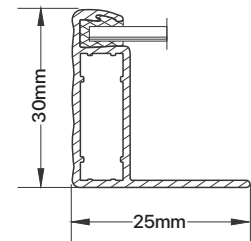
PACKING CONFIGURATION

Retail Packing	1 Module
Commercial Packing	36 Module

DIMENSION



Mechanical Drawing



*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 here in 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.

LOOM SOLAR