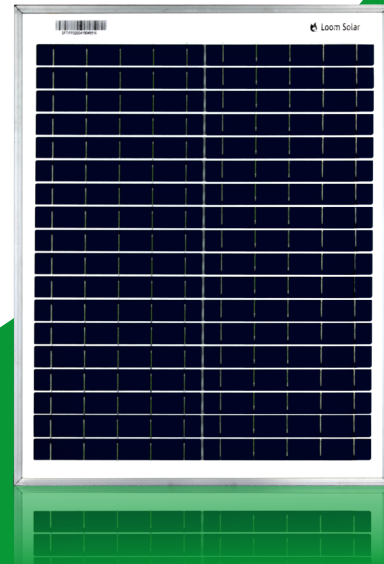


## 20W

Loom Solar launches 20 watt solar panel for 12 volt battery charging using sun light. The panel is specially designed to charge small batteries up to 10 Ah or 10,000 mAh. Loom Solar is India's premium solar brand that sell solar system including solar panels.



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## Features



### Best in Class Efficiency

Innovative cell technology ensures optimum solar power generation providing high value for money upto 16.5%.



### Outstanding Durability

With its newly reinforced frame design, Loom Solar 20W can endure a front load up to 6,000Pa, and a rear load up to 5,400Pa.



### Enhanced Performance Warranty

After 25 years, Loom Solar 10W is guaranteed at least 80% of initial performance.



### PID Resistance Technology

Designed to eliminate power loss owing to stray currents



### Aesthetic Roof

Loom Solar 20W has been designed with aesthetics in mind. It can increase the value of a property with its modern design.



### Application

Perfect for charging Power Bank/Mobile/Small Battery upto 20AH

## About Loom Solar Pvt. Ltd.

Loom Solar is India's premium solar brand that manufactures monocrystalline solar panel and AC Module. It is an Indian company headquartered in Faridabad, Haryana

## Electrical Parameters

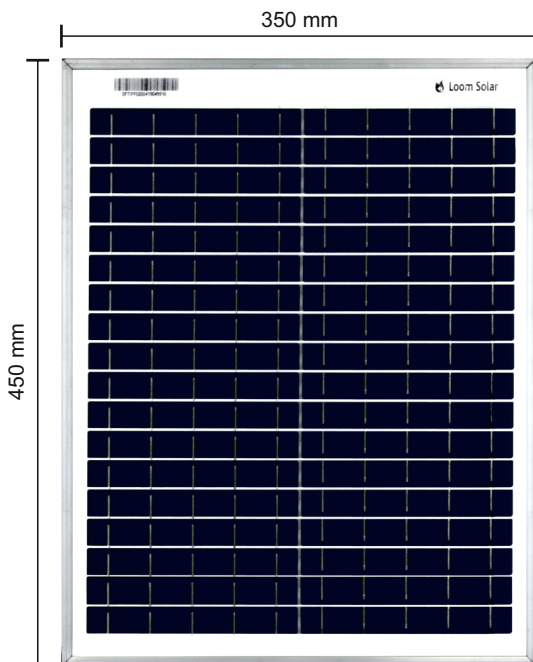
Model		20 Watts	
Cell Configurations	[Nos]	9 x 4 (36) Series	
Parameters		Value	Tolerance
Pmax	[W]	20.00	±3.0%
Voc	[V]	22.50	
Isc	[A]	1.11	
Vmax	[V]	19.25	
Imax	[A]	1.04	
Fill Factor	[%]	80.08	
Module Efficiency	[%]	12.70	
Maximum System Voltage	[VDC]	600	
Nominal Operating Cell Temp.	{(NOCT) (°C)}	44.0 °C	
Temp. Coefficient of Pmax	[%/°C]	-0.43	

Electrical values measured at STC: 25°C, 1.5AM, 1000 W/m<sup>2</sup>

## Mechanical Parameters

L - Length of Module (mm)	450
W - Width of Module (mm)	350
H - Height of Module (mm)	22
X - Pitch Distance (mm)	332.5
Y- Pitch Distance (mm)	22
G - Grounding Hole (mm)	6 mm diameter on length side
Mounting Hole (mm)	4 oblong of size 9 mm x 11 mm
Junction Box	2 terminal Junction Box

## Panel Frontside



## Panel Backside

