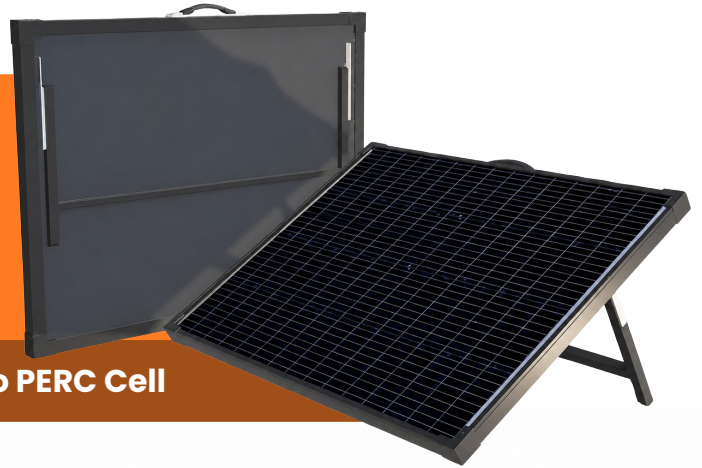


SN Foldable 100 Watt

60 Cells | 100 Watt | 158.75mm Mono PERC Cell



P-Type

Positive Power Tolerance of $\sim \pm 5\%$

The company manufactures solar modules in compliance with global standard.

Key Features



High Efficiency

High Module efficiency is obtaining top performance even in diffused light conditions. We are leaders in providing our customers with maximum sunlight conversion.



Reduce Hot Spot Loss

Optimized electrical design and lower operating current for reduce hot spot loss and better temperature coefficient.



Long Life-Time Power Yield

0.55% annual power degradation and 25 Year linear power warranty.



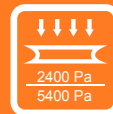
Durability Against Extreme Environmental Conditions

High Salt mist and ammonia resistance



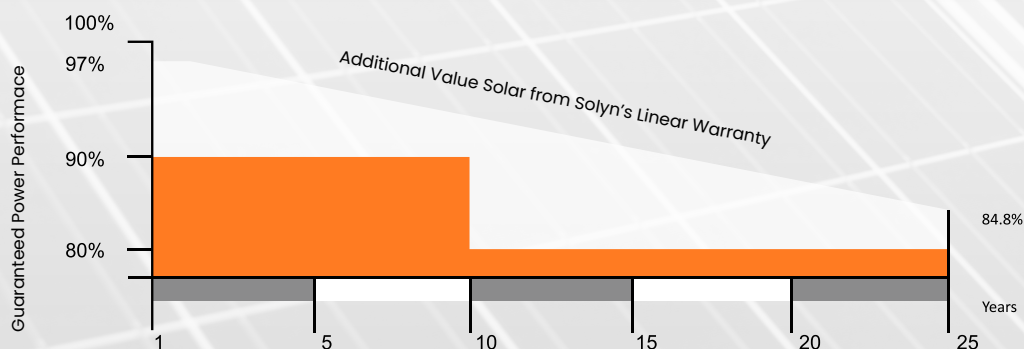
Application Possibilities

Residential and Commercial rooftops, Car ports, Solar Farming, Balconies, Awnings, Street lights, Fences, and Canopies



Enhanced Mechanical Load

Certified to withstand, wind load (2400 Pascal) and snowload (5400 Pascal).



Linear Performance Warranty

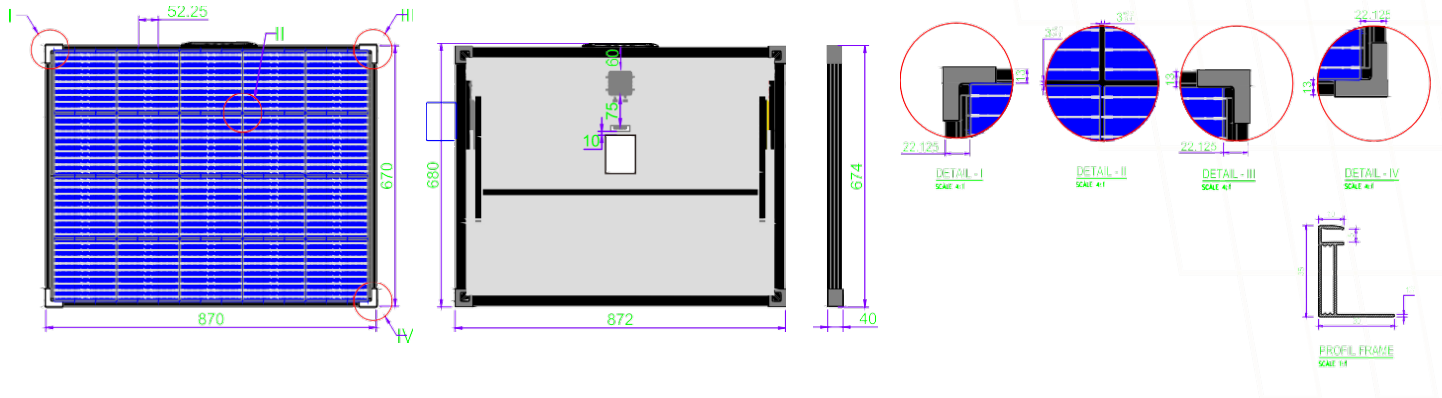


25 Year Linear Power Warranty



0.55% Annual Degradation Over 25 Years

Engineering Drawings



Mechanical Characteristics

Dimensions (L*W*H/mm)	674*872*40mm
Installation Holes Distance (L*W/mm)	-
Weight	13 Kgs/28.66 Lbs
Cells (Monocrystalline)	Mono PERC Cell M6, 158.75*52,25mm(9BB)
No. of Cells	60 (15*4)
Glass (Tempered & Low Iron)	3.2mm
Encapsulant	EVA
Backsheet	Black
Frame	Anodized Aluminum Alloy
Junction Box	IP68, 3 Diodes, Rated Above
Cables	-
Connectors	-

Temperature Coefficient

Coefficient of Current (Isc)	+0.056% /°C
Coefficient of Voltage (Voc)	-0.32% /°C
Coefficient of Power (Pm)	-0.356% /°C

Tested Operating Conditions

Temperature Cycling Range	-40° C to 85° C
Humidity Freeze, Damp Heat	85% RH

Packaging Configuration

31 Pcs/ Pallet
40FT/HC Container : Total 72 Pallet = 12

SPECIFICATION

Module Type SN100FDB60M

Maximum Power (Pmax/W)	100Wp
Maximum Power Voltage (Vmp/V)	18.0V
Maximum Power Current (Imp/A)	5.6A
Open-Circuit Voltage (Voc/V)	21.6V
Short-Circuit Current (Isc/A)	6.7A
Module Efficiency STC (%)	17.15%
Maximum System Voltage (VDC)	1500VDC
Maximum Series Fuse Rating (A)	10
Power Tolerance (%)	± 5 %
Nominal Operating Cell Temperature (NOCT)	45%±2°C

*STC : Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT : Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s