

समझदारी की सोच!



HIGH ENERGY BILLS? NO TENSION

SOLAR ELECTRICITY SYSTEM BEST OPTION



Lifetime Service



High Quality Panels & Inverter



Systematic Installation



34 Years Rich & Prolific Experience



**MNRE
APPROVED**

Applications

• Bungalows • Hospitals • Hotels • Industries • Commercial Complexes • Institute



**HIGH CONVERSION
EFFICIENT** Photo Voltaic
Modules based on
**State-of-the art European
manufacturing technology**



Upto +3 Wp
**POSITIVE POWER
OUTPUT TOLERANCE
GUARANTEED** ensuring
return on investment



Extremely **RELIABLE
PRODUCT** withstands
high wind pressure
and snow load and
temperature variations



**RIGOROUS
QUALITY CONTROL**
meeting the highest
international standards



Awarded for
**Best Service
Network**
by the Govt. of India



WHO BRINGS THE POWER OF THE SUN TO YOU?

Since 1989, Sudarshan Saur has been designing, manufacturing and marketing solar water heaters and solar products, leading to becoming India's highest selling brand

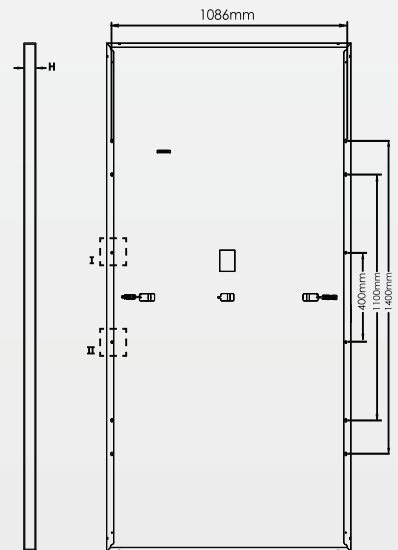
Here is why our solar products are perfect for you:

- World-class manufacturing facilities
- The only company awarded for 'Highest Sales' and 'Best Service Network' by the Govt. of India
- Technical expertise keeping us above and beyond competition
- A dedicated customer care unit for lifetime service and support
- Lakhs of satisfied customers across the country

Mono Facial / Bi-Facial 144 Half-cut Cell



ELECTRICAL DATA (STC)					
Maximum Power (Pmax)	530Wp	535Wp	540Wp	545Wp	550Wp
Maximum Power Voltage (Vmp)	40.56V	40.63V	40.70V	40.80V	40.90V
Maximum Power Current (Imp)	13.07A	13.17A	13.27A	13.36A	13.45A
Open-circuit Voltage (Voc)	49.26V	49.34V	49.42V	49.52V	49.62V
Short-circuit Current (Isc)	13.71A	13.79A	13.85A	13.94A	14.03A
Module Efficiency STC (%)	20.55%	20.75%	20.94%	21.13%	21.33%
TEMPERATURE RATINGS					
Operating Temperature(°C)	-40°C~+85°C		-40°C~+85°C		
Maximum series fuse rating	25A		25A		
Temperature coefficients of Pmax	-0.35%/°C		-0.35%/°C		
Temperature coefficients of Voc	-0.28%/°C		-0.28%/°C		
Temperature coefficients of Isc	0.048%/°C		0.048%/°C		
Nominal operating cell temperature (NOCT)	45±2°C		45±2°C		
Mechanical Characteristics					
Solar Cells	Mono Perc				
No. of cells	144 (6×24)				
Dimensions	2277×1134×35mm (89.67×44.65×1.38 inch)				
Weight	28 kg (61.73 lbs)				
Glass	3.2 mm / G G 2.0 mm High Transmission, AR Coated Heat Strengthened Glass				
Junction Box	IP68 Rated				



Bifaciality Factor: 70 ± 5%.

** Back-side power gain varies depending upon the specific project albedo

HIGH RELIABILITY**

UL 61730 | IEC 61215
IECUL6170

WARRANTY

5-year product warranty*
25-year Peak power up to 80%
performance warranty*

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Sudarshan Saur®

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