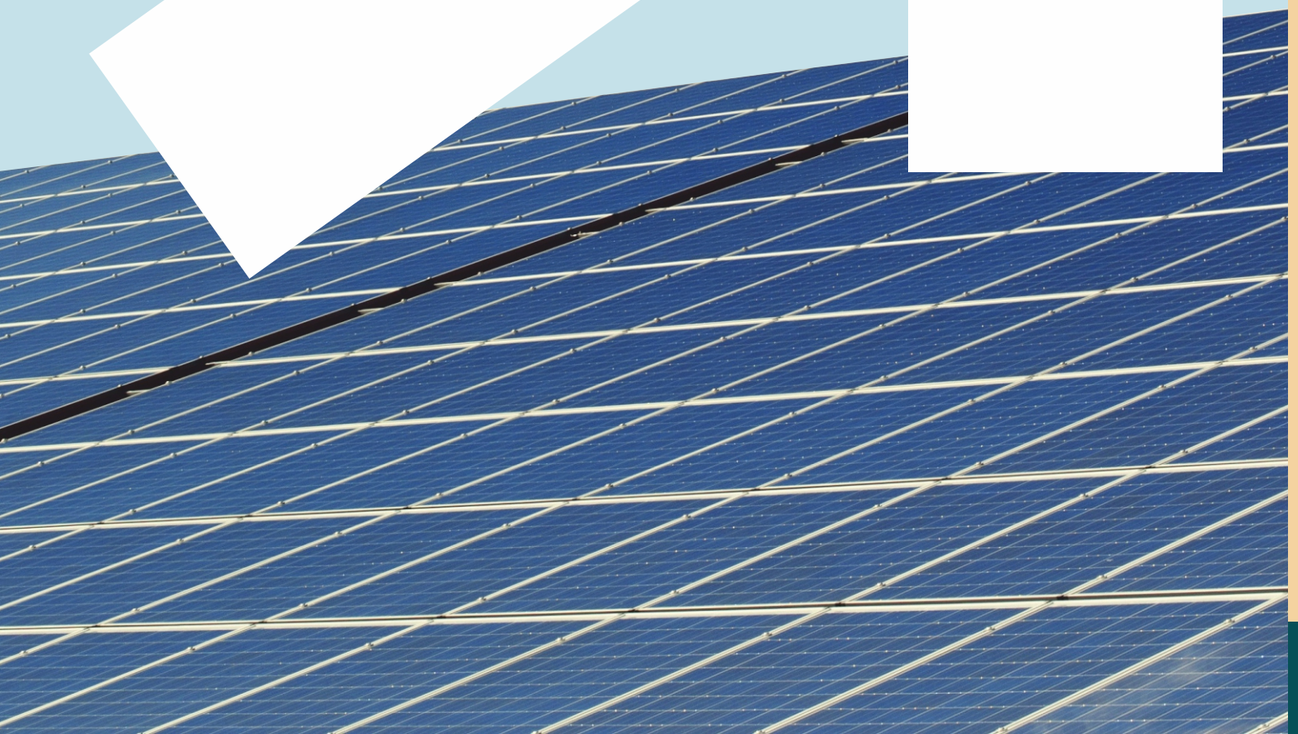
ABOUT US

Sunify Solar's commitment to quality has earned us a reputation for reliability in the industry. To ensure complete client satisfaction, we adhere to the highest quality standards for Solar Modules and their Accessories. Before customer delivery, each solar module is thoroughly inspected and tested.

Our team includes the best engineers, technical experts, production managers, quality control managers, and manufacturing experts who provide services ranging from raw material selection to R & D, engineering design, and electrical parameter experts in order to produce the most reliable and high-quality panels for our clients.

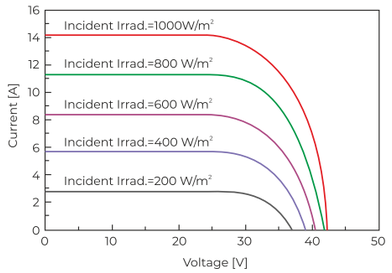


WE AIM TO BRING A GREEN REVOLUTION TO THE WORLD THROUGH SOLAR ENERGY!

Vitor Belfort once said “Legacy is not what I did for myself. It’s what I am doing for the next generation” and our team at Sunify Solar believes building an efficient and effective source of clean and sustainable energy is the biggest legacy our generation can pass on the next one. Sunify's founding principle is the dedication to delivering a clean source of energy and our commitment to excellence. Sunify's products are created by combining the finest materials and cutting-edge technology with the unrivaled knowledge and technical know-how of industry specialists.

Furthermore, Sunify's commitment to R&D ensures that our products are constantly adjusting to new developments. We want to contribute back to society in whatever way we can, whether it's by creating the finest environment for our employees, clients, or other stakeholders. We always deal with them in an ethical and moral manner.

Performance Warranty



MODULE DATASHEET 144 CUT- CELL MONO

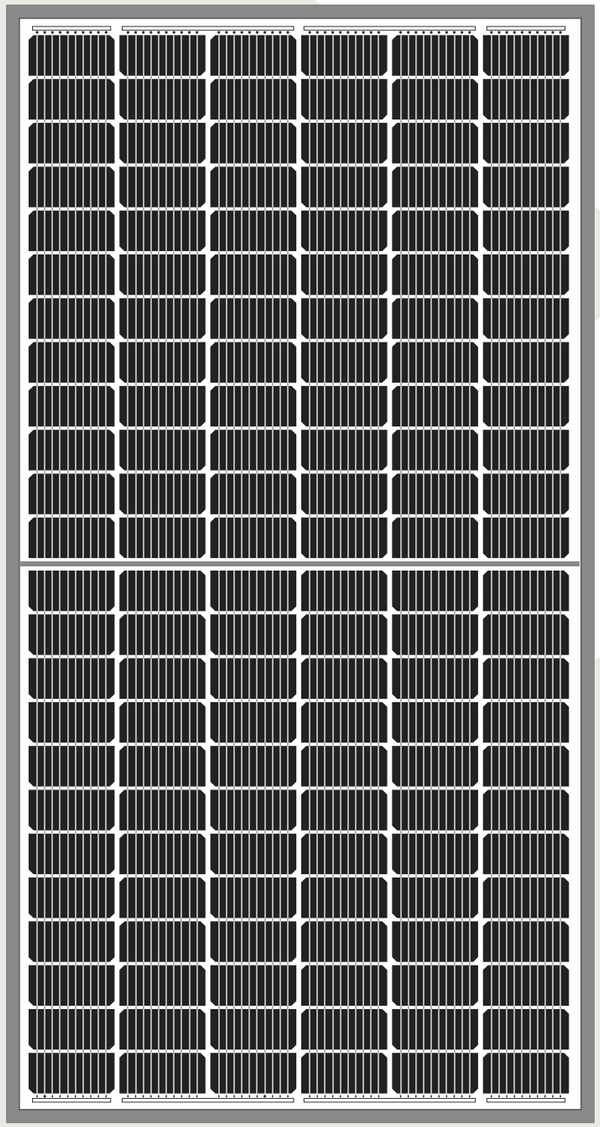
ELECTRICAL DATA AS PER STC						
MODEL NAME	**SS72CB525M**	**SS72CB530M**	**SS72CB535M**	**SS72CB540M**	**SS72CB545M**	**SS72CB550M**
MAXIMUM VOLTAGE Vmp (V)	43.32	43.5	43.6	43.8	43.9	44
MAXIMUM CURRENT Imp (A)	12.12	12.19	12.28	12.35	12.42	12.51
OPEN CIRCUIT VOLTAGE Voc (V)	49.23	49.3	49.37	49.44	49.51	59.6
SHORT CIRCUIT CURRENT Isc(A)	13.37	13.38	13.41	13.44	13.49	13.56
MODULE EFFICIENCY (%)	20.4	20.53	20.73	20.92	21.1	21.3

NOTE:PARAMETERS UNDER STANDARD TEST CONDITIONS(STC) , PARAMETERS HAVE A TOLERANCE OF +&-2%.

ELECTRICAL DATA NOCT						
Power (W)	387	393	397	399	402	407
V@P max (V)	38.2	38.3	38.4	38.5	38.6	38.7
I@P max (A)	10.14	10.29	10.34	10.37	10.43	10.52
Voc (V)	45.7	45.9	46	46.1	46.2	46.3
Isc (A)	10.83	10.89	10.96	11.3	11.9	11.15

THERMAL CHARACTERISTICS	
Temperature coeffcient of Current (Isc), α (%/°C)	0.05%
Temperature coeffcient of Voltage (Voc), ß (%/°C)	-0.27%
Temperature coeffcient of Power (Pm), γ (%/°C)	-0.35%
NOCT (°C)	45 + & - 2
Operating temperature range (°C)	-40 to 85

MECHANICAL CHARACTERISTICS	
Solar cells	182mmX91mm, Bifacial monocrystalline Silicon(PERC), M10
Encapsulation	Ultra - clear PID free EVA (Ethylene-Vinyl-Acetate),UV and Weather stable
Backside	UV protected reflective, Transparent backsheet
Frame	Silver Anodized Aluminium Alloy
Front Glass	3.2 mm, High Transmission, AR Coated Tempered Glass
Dimensions	(L) 2278 mm x (W) 1133 mm x (H) 35 mm
Weight	27.5KG
Junction Box	IP 68 certified, 3 diodes, Split junction box
Series Fuse Rating	25A
Cable	Solar cable 400 mm length, 4 mm²
Connectors	MC4 Type
Application Class	Class A
Electrical Safety	Class II
Fire Safety	Class C (Type 1)
Mechanical load	Snow load 5400 Pa, Wind load 2400 Pa
Maximum System Voltage	1500V

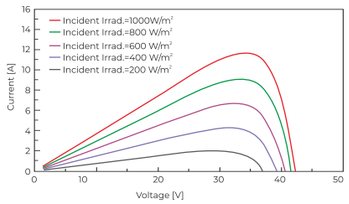


MAGNUS
SERIES

MONO FACIAL

545W HALF CUT CELL

Performance Warranty



MODULE DATASHEET 144 CUT- CELL MONO(MAGNUS PRO SERIES)

ELECTRICAL DATA AS PER STC						
MODEL NAME	**SS72CB525M**	**SS72CB530M**	**SS72CB535M**	**SS72CB540M**	**SS72CB545M**	**SS72CB550M**
MAXIMUM VOLTAGE Vmp (V)	43.32	43.5	43.6	43.8	43.9	44
MAXIMUM CURRENT Imp (A)	12.12	12.19	12.28	12.35	12.42	12.51
OPEN CIRCUIT VOLTAGE Voc (V)	49.23	49.3	49.37	49.44	49.51	59.6
SHORT CIRCUIT CURRENT Isc(A)	13.37	13.38	13.41	13.44	13.49	13.56
MODULE EFFICIENCY (%)	20.4	20.53	20.73	20.92	21.1	21.3

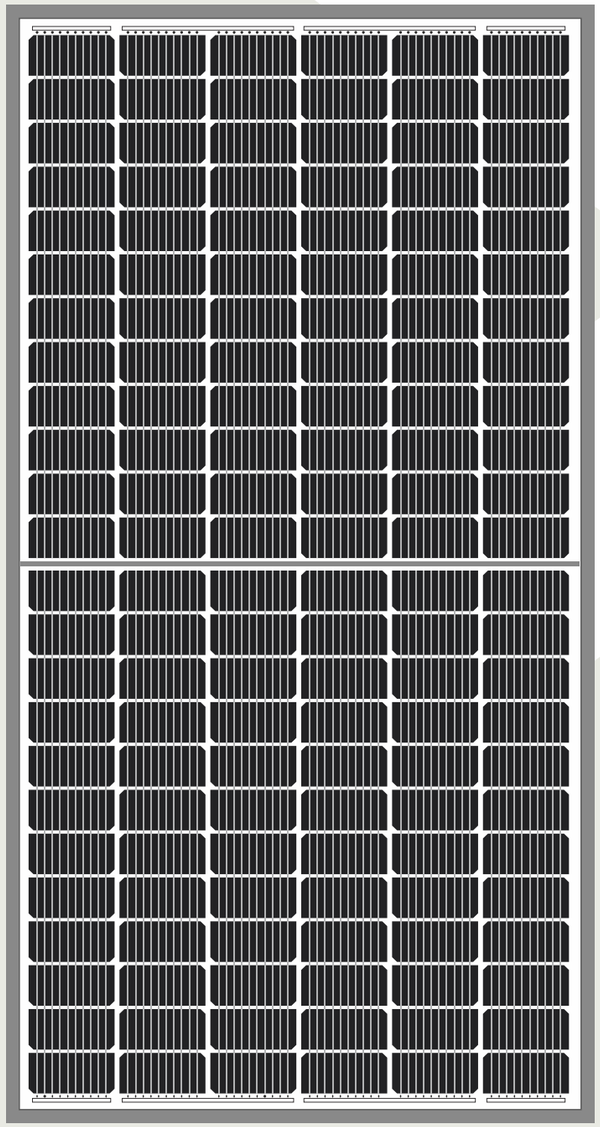
NOTE:PARAMETERS UNDER STANDARD TEST CONDITIONS(STC) , PARAMETERS HAVE A TOLERANCE OF +&-2%.

ELECTRICAL DATA NOCT						
Power (W)	387	393	397	399	402	407
V@P max (V)	38.2	38.3	38.4	38.5	38.6	38.7
I@P max (A)	10.14	10.29	10.34	10.37	10.43	10.52
Voc (V)	45.7	45.9	46	46.1	46.2	46.3
Isc (A)	10.83	10.89	10.96	11.3	11.9	11.15

THERMAL CHARACTERISTICS	
Temperature coeffcient of Current (Isc), α (%/°C)	0.05%
Temperature coeffcient of Voltage (Voc), ß (%/°C)	-0.27%
Temperature coeffcient of Power (Pm), γ (%/°C)	-0.35%
NOCT (°C)	45 + & - 2
Operating temperature range (°C)	-40 to 85

MECHANICAL CHARACTERISTICS	
Solar cells	182mmX91mm, Bifacial monocrystalline Silicon(PERC), M10
Encapsulation	Ultra - clear PID free EVA (Ethylene-Vinyl-Acetate),UV and Weather stable
Backside	UV protected reflective, Transparent backsheet
Frame	Silver Anodized Aluminium Alloy
Front Glass	3.2 mm, High Transmission, AR Coated Tempered Glass
Dimensions	(L) 2278 mm x (W) 1133 mm x (H) 35 mm
Weight	27.5KG
Junction Box	IP 68 certified, 3 diodes, Split junction box
Series Fuse Rating	25A
Cable	Solar cable 400 mm length, 4 mm²
Connectors	MC4 Type
Application Class	Class A
Electrical Safety	Class II
Fire Safety	Class C (Type 1)
Mechanical load	Snow load 5400 Pa, Wind load 2400 Pa
Maximum System Voltage	1500V

EQUIVALENT BIFACIAL OUTPUT						
5% Gain	551	556	561	567	572	577
10%Gain	577	583	588	594	599	605
15%Gain	603	609	615	621	626	632
20%Gain	630	636	642	648	654	660
25%Gain	656	662	668	675	681	687
30%Gain	682	689	695	702	708	715

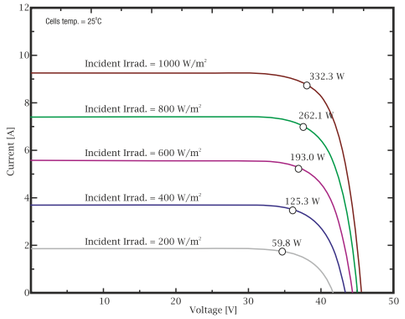


MAGNUS
SERIES
BI-FACIAL

545W HALF CUT CELL

Key Features

- ✔ High Module Conversion Efficiency
- ✔ Outstanding Power Performance Even at Low Irradiance
- ✔ PID Free Module
- ✔ IP68/IP67 Junction Box with Extended Cable Lengths For Easier Installation
- ✔ Double stage EL tested, 100% Micro cracks free
- ✔ 25-year linear power performance warranty
- ✔ 10-years workmanship warranty



TECHNICAL DATA

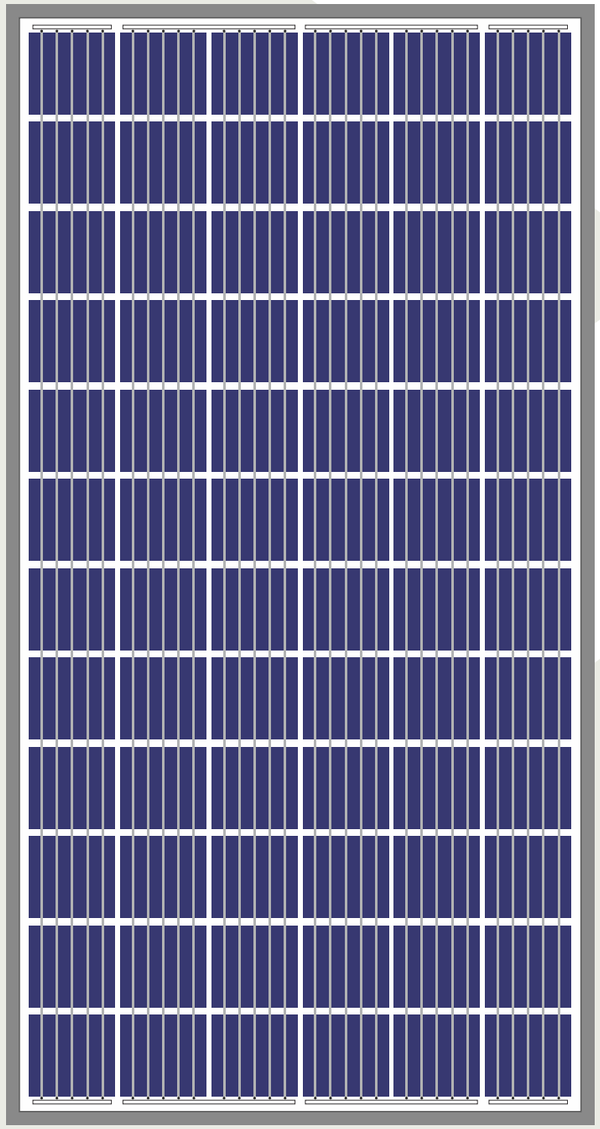
Electrical Data 1

All Data Refers to STC

Peak Power Pmax (Wp) (0 ~ +4.99Wp)	300	315	320	325	330	335	340	345
Maximum Voltage Vmpp (V)	36.30	37	37.2	37.25	37.3	37.35	37.4	37.44
Maximum Current Impp (A)	8.28	8.54	8.65	8.75	8.85	8.95	9.04	9.14
Open Circuit Voltage Voc (V)	44.20	45	45.28	45.35	45.4	45.47	45.52	45.59
Short Circuit Current Isc (A)	8.77	9.03	9.1	9.15	9.2	9.28	9.34	9.41
Module Efficiency η(%)	15.12	16.23	16.49	16.75	17.01	17.26	17.12	17.38

Length × Width × Height	1961 x 991 x 35mm
Weight	22kgs
Junction Box	IP68/IP67, 3 bypass diodes
Cable & Connectors	1200 mm (47.24 inches) length cables, MC4 Compatible/MC4 Connectors
Application Class	Class A (Safety class II)
Superstrate#	3.2 mm (0.13 inches) high transmission low iron tempered glass, AR coated
Cells	72 Polycrystalline, 5BB solar cells
Cell Encapsulant	EVA (Ethylene Vinyl Acetate)
Back Sheet	Composite film
Frame	Anodized aluminium frame with twin wall profile
Mechanical Load Test	5400 Pa (Snow load), 2400 Pa (Wind load)
Maximum Series Fuse Rating 1	15 A (IEC)/ 20A (UL)

*The Specifications mentioned in this data sheet are subject to change without Prior Notice, before placing order please get final data sheet from marketing.



MARS POLY 72CELL

330W / 335W / 345W

CERTIFIED ISO 9001:2015 COMPANY

MSME MICRO, SMALL & MEDIUM ENTERPRISES सूक्ष्म, लघु एवं मध्यम उद्यम

IEC

IS 14286
IEC 61730

PID RESISTANT

CE

UL INDIA

ALMM APPROVED