

FUTURISTIC **SOLAR** TECHNOLOGIES

**BRING HOME
HAPPINESS**



Usha Shriram Pvt Ltd is a multi-product company. We have a range of products from Home & Institutional Lighting, all types of Furniture & Mattresses, Pressure Cookers & Cookware, Televisions & Accessories, Water & Air Purifiers, Mobiles and CCTV Camera among others. Our products are marketed under the brand Usha / Usha Shriram / Eurolex. Brand Usha Shriram is known for its quality and reliability and has built its reputation over decades through millions of satisfied customers. We have pan India after sales service network.

Company's products are also exported to countries in the Middle East and Africa. Our products are tested for all necessary Indian and International standards. Our motto is constant improvement and striving for the best to keep ahead of the competition.

The company was established in 1983. Its promoters were Dr. Charat Ram and Mr. N.R. Dongre. The company is now promoted by business professionals with vast experience in the field of manufacturing and marketing in India and abroad.

Company had introduced in year 2018. Its entire Product World of SOLAR including SPV Modules both Mono and Poly, Solar Batteries, Solar PCU's, Solar Street Lights, Solar Charge Controllers and so on. The company continues to follow the guiding principles of business viz developing innovative products based on consumer research and focusing on customer satisfaction and delight through highest standard of quality & service.

The company believes that its strength is the talented workforce who remains motivated to exceed customer expectations and create customer delight always. This is what has made USHA, USHA SHRIRAM & EUROLEX a force to reckon with in the industry and has also given the brands phenomenal goodwill.

Our business associates / distributors / dealer and suppliers are all partners in our progress & expansion.

Empower team and associates to achieve and unleash their full potential to deliver outcomes in a sustainable way. Dare to take risks for the betterment of all. Care for environment, Community, Customers, Shareholders, People and creating a culture that will reinforce our values.

To be the globally admired leader in SOLAR ENERGY SECTOR with a deep commitment to Nation Building. Practicing Leadership with Passion & Care by pursuing best practices as young and passionate team.



Why **Usha Shriram** Solar?



Usha Shriram a solar energy company that manufactures premium solar products that are reliable and last longer



Ideating and Innovating solar solutions completely based on evolving needs of **modern consumers**



Usha Shriram Solar believes that its strength is the talented workforce who remains motivated to exceed customer expectations and create customer delight always. This is what has made **USHA SHRIRAM & EUROLEX** a force to reckon with in the industry and has



Usha Shriram Solar
Three basic pillars



Quality
is our IKIGAI !!



Technically Strong & young
Employees & Associates



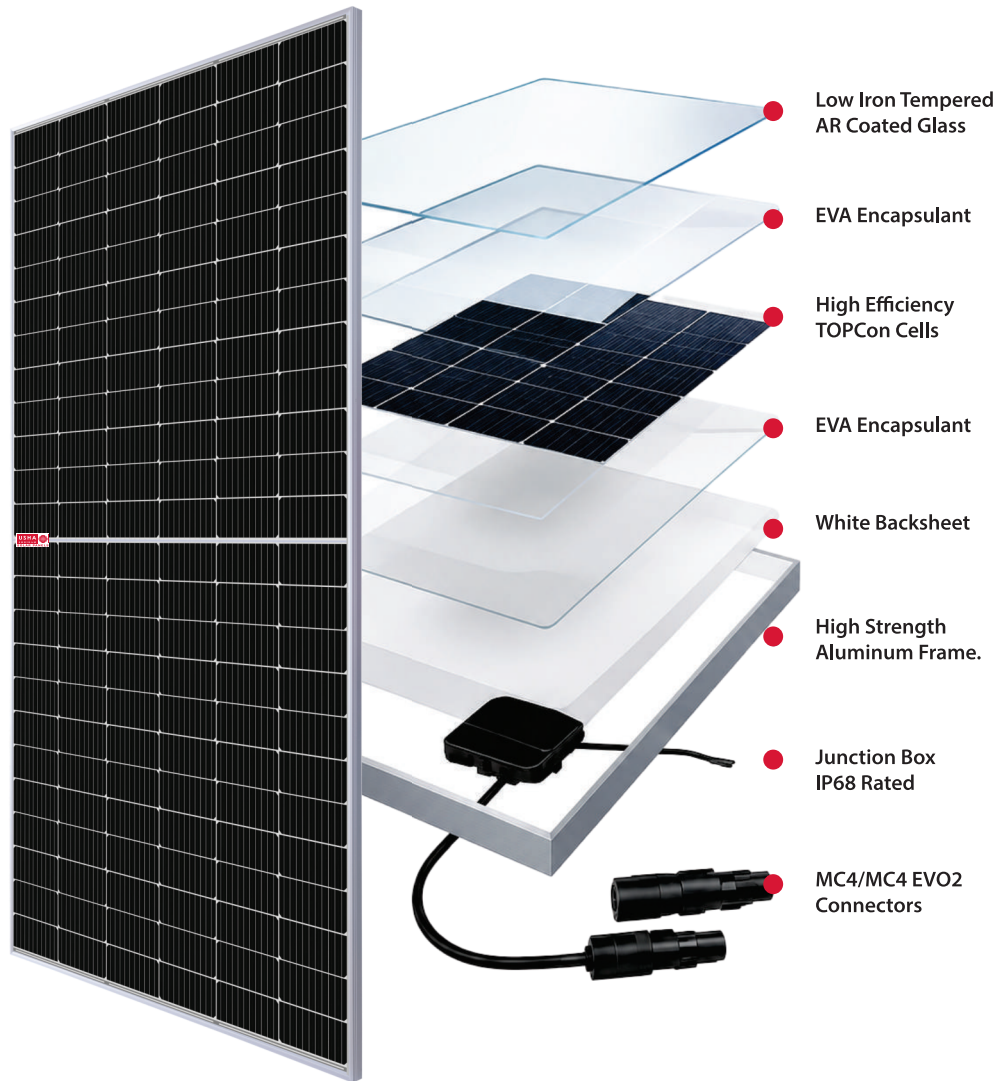
Loyal & wide spread
POS



TECHNOLOGICAL SUPERIORITY

ADVANCED TODAY. SUPERIOR TOMORROW.

Engineered with the latest innovations to deliver maximum power, reliability and long-term value.



PROMPT SUPPORT
Quick response to keep you powered.

ON-SITE SUPPORT
Expert assistance right on your location.

**REGULAR PLANT CHECK-UPS
FOR CUSTOMERS**
Preventive care for long-term performance.

TECHNICAL SUPPORT & TRIAGING
Smart troubleshooting to resolve faster.

**1st CLAIM CARE &
MANAGEMENT OPERATIONS**
Hassle-free claim handling, end to end.

FUTURISTIC
SOLAR TECHNOLOGIES



BRING HOME
HAPPINESS

www.ushasolarindia.com

Solar Pv Module

Ranging From 50 Wp – 340 Wp

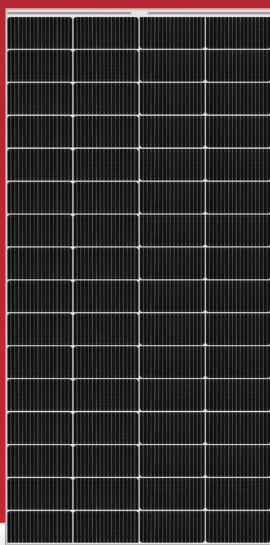


SOLAR PV

Capacity (wp)	50	60	75	100	110	125	165	200	250	275	340/12V	340/24V
Module (V)	12	12	12	12	12	12	12	12	12	12	12	24
No. of Cells	36	32	36	36	40	32	32	52	64	72	64	64
Cell Size	36.5*182	45.5*182	51*182	66*182	66*182	91*182	123*182	91*182	91*182	91*182	127*182	127*182

Cell Types	POLY Crystalline							MONO PERC/Bifacial				
Glass Size (mm)	400*760	430*760	540*760	680*760	720*760	792*760	1040*760	1257*760	1535*760	1735*760	2090*760	2090*760
Diode Rating	6A	6A	6A	10A	10A	10A	15A	20A	20A	20A	25A	25A
Voc (V)	24.33	22.08	24.68	24.79	27.44	22.08	22.08	17.95	22.64	24.78	22.08	44.16
Isc (A)	2.67	3.38	3.81	4.93	4.92	6.91	9.16	13.62	13.57	13.62	18.95	9.48
Vmp (V)	21.13	19.01	21.38	21.53	23.84	19.01	19.01	15.58	19.67	21.51	19.01	38.02
Imp (A)	2.45	3.16	3.55	4.65	4.62	6.58	8.69	12.85	12.74	12.8	17.91	8.96
Pmax (W)	55	80	110	170	210	275	335	335	400	445	445	445
FF%	79.69	80.49	80.7	81.9	81.5	81.9	81.6	81.8	81.5	81.5	81.37	81.37
Tol.%	3	3	3	3	3	3	3	3	3	3	3	3
Max System Voltage	1000	1000	1000	1000	1000	1000	1000	1500	1500	1500	1500	1500

Bifacial Mono Perc Panel
(150 Wp – 340 Wp)



Bifacial Mono Perc Panel
(50 Wp – 100 Wp)



Poly Panel (12 V)
(10 Wp – 345 Wp)



ASM500

BIFACIAL MONOCRYSTALLINE MODULE



ELECTRICAL CHARACTERISTICS (STC*)

*STC: IRRADIANCE 1000W/M2, MODULE TEMPERATURE 25°C, AM=1.5

MODEL NUMBER	ASM-500W
Rated Power in Watts-Pmax(Wp)	500
Open Circuit Voltage-Voc(V)	45.80
Short Circuit Current-Isc(A)	13.80
Max. Power Voltage-Vmpp(V)	38.94 V
Max. Power Current-Impp(A)	12.86 A
Module Efficiency(%)	21.10
Maximum system voltage	1500V DC
Fuse Rating(A)	25
Temperature coefficient Pmax	-0.35%/°C
Temperature coefficient Isc	0.04 %/°C
Temperature coefficient Voc	-0.30%/°C
Refer. Bifacial Factor	80±5%

MECHANICAL CHARACTERISTICS

NUMBER OF CELLS	144 PCS	TYPE OF FRAME	ANODIZED ALUMINUM ALLOY
Size of cell (mm)	91.89 x182.2	Size of module (mm)	1960 x1134 x45
Type of cell	N-TOPCon Mono	Weight (kg)	26 (±3%) Kg
Thickness of glass (mm)	3.2	Cables/connectors	4.0 mm ² , MC4 Compatible
Junction box	IP68 ThreeDiodes Split JB		+300mm / -300mm (connector included)

PACKAGING CONFIGURATION

Height of Modules (mm)	30
Number of Modules Per Pallet	29
Packaging Box Dimensions (l x w x h) (mm)	2300 x 1120 x 1260
Box Gross Weight (kg)	1084
Number of Modules Per 40ft (HQ) Container	580
Number of Pallets Per 40ft (HQ) Container	20

ELECTRICAL CHARACTERISTICS (NOCT)

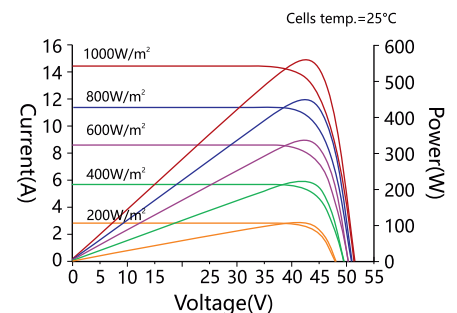
Power Output (Pmax)	373 W
Maximum Power Voltage-Vmp	35.91 V
Maximum Power Current-Imp	10.39 V
Open Circuit Voltage-Voc	42.23 V
Short Circuit Current-Isc	11.24 A

MECHANICAL CHARACTERISTICS

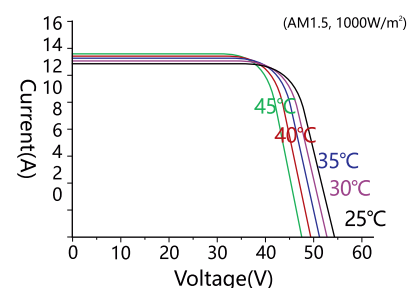
External Dimensions	2093(2±mm) X 1134(2±mm) X 35(1±mm)
Solar cells and type	10BB, Mono PERC-crystalline 91mm x 182mm±1mm
Encapsulate	PID Free & UV Resistant
Front Glass	3.2mm, ARC Semi Tempered, HS Glass
Rear cover	High Insulation Resistance Backsheet
Connector	MC4 Compatible
Output Cable	4.0 mm ² 400mm Length
By Pass Diode	3 pcs
Mechanical Load	5400 Pa For Snow Load, 2400 Pa Wind Load

ASM-500W-182M/144TB

I-V characteristics at different irradiances



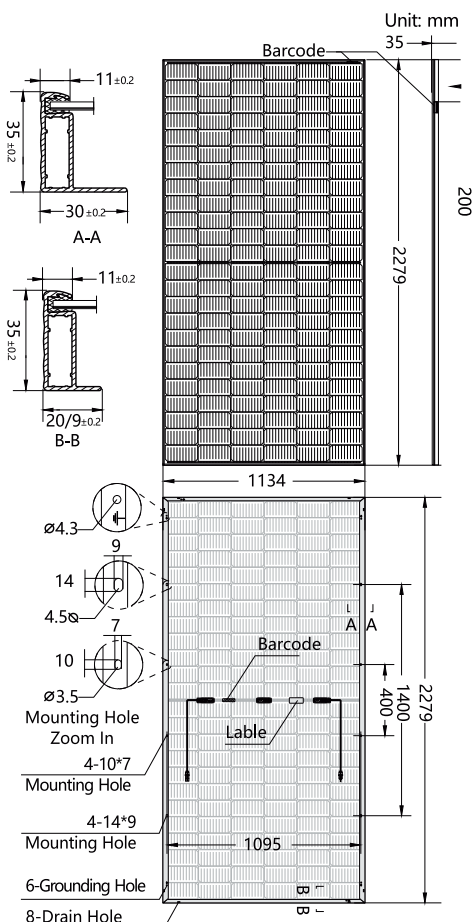
I-V characteristics at different temperatures



ASM530-550

BIFACIAL MONOCRYSTALLINE MODULE

Dimensions of PV Module



#Hole Dimension may vary without prior information.

ELECTRICAL CHARACTERISTICS (STC*)

*STC: IRRADIANCE 1000W/M², MODULE TEMPERATURE 25°C, AM=1.5

MODEL NUMBER	ASM-530	ASM-535	ASM-540	ASM-545	ASM-550
Rated Power in Watts-Pmax(Wp)	530	535	540	545	550
Open Circuit Voltage-Voc(V)	49.31	49.46	49.61	49.76	49.80
Short Circuit Current-Isc(A)	13.71	13.76	13.81	13.85	13.88
Max. Power Voltage-Vmpp(V)	41.49	41.78	42.04	42.37	42.64
Max. Power Current-Impp(A)	12.78	12.81	12.85	12.87	12.91
Module Efficiency(%)	20.52	20.71	20.91	21.10	21.30
Maximum system voltage	1500V DC				
Fuse Rating(A)	25				
Temperature coefficient Pmax	-0.350%/°C				
Temperature coefficient Isc	+0.048 %/°C				
Temperature coefficient Voc	-0.270%/°C				
Refer. Bifacial Factor	80±5%				

MECHANICAL CHARACTERISTICS

NUMBER OF CELLS	144 PCS	TYPE OF FRAME	ANODIZED ALUMINUM ALLOY
Size of cell (mm)	6x12 6x12	Size of module (mm)	2278 x1134 x35
Type of cell	N-TOPCon Mono	Weight (kg)	28 kg
Thickness of glass (mm)	3.2	Cables/connectors	4.0 mm ² , MC4 Compatible
Junction box	IP68 ThreeDiodes	+400mm / -400mm (connector included)	

PACKAGING CONFIGURATION

Height of Modules (mm)	30
Number of Modules Per Pallet	29
Packaging Box Dimensions (l x w x h) (mm)	2300 x 1120 x 1260
Box Gross Weight (kg)	1084
Number of Modules Per 40ft (HQ) Container	580
Number of Pallets Per 40ft (HQ) Container	20

WORKING CHARACTERISTICS (NOCT)*

NOCT: IRRADIANCE 800W/M², AMBIENT TEMPERATURE 20°C, AM=1.5 WIND SPEED 1M/S

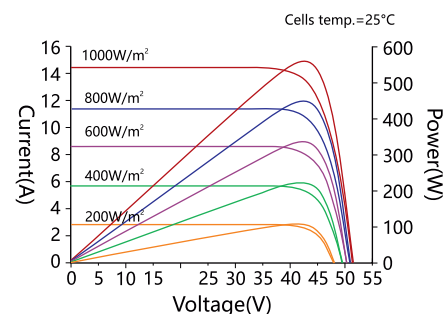
MODEL NUMBER	402.98	406.75	410.56	414.43	418.36
Rated Power in Watts-Pmax(Wp)	435	439	447	450	454
Open Circuit Voltage-Voc(V)	44.87	45.01	45.15	45.28	45.31
Short Circuit Current-Isc(A)	13.16	13.20	13.25	13.30	13.32
Max. Power Voltage-Vmpp(V)	36.90	37.18	37.41	37.64	37.94
Max. Power Current-Impp(A)	10.92	10.94	10.97	11.01	11.03
Power tolerance	+/-3%				
NOCT	45±2				
Operating Temperature	-40°C to +85°C				

ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN

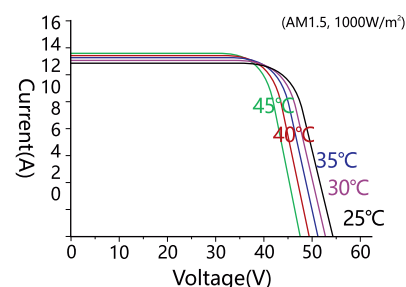
5%	Pmax(Wp)	609	614	625	630
	Efficiency(%)	23.57	23.77	24.19	24.38
15%	Pmax(Wp)	667	672	684	690
	Efficiency(%)	25.82	26.01	26.47	26.71
30%	Pmax(Wp)	754	760	774	780
	Efficiency(%)	29.18	29.42	29.96	30.19

ASM-530-550W-182M/144TB

I-V characteristics at different irradiances



I-V characteristics at different temperatures

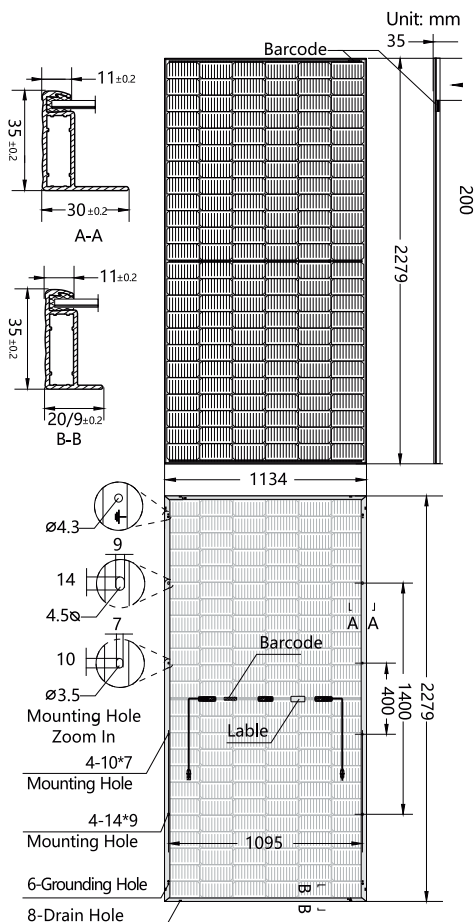


ASM580-600

BIFACIAL MONOCRYSTALLINE MODULE



Dimensions of PV Module



#Hole Dimension may vary without prior information.

ELECTRICAL CHARACTERISTICS (STC*)

*STC: IRRADIANCE 1000W/M2, MODULE TEMPERATURE 25°C, AM=1.5

MODEL NUMBER	ASM-580	ASM-585	ASM-595	ASM-600	ASM-605
Rated Power in Watts-Pmax(Wp)	580	585	595	600	605
Open Circuit Voltage-Voc(V)	52.80	53.01	53.42	53.62	53.84
Short Circuit Current-Isc(A)	13.71	13.77	13.89	13.95	14.01
Max. Power Voltage-Vmpp(V)	44.78	44.94	45.31	45.50	45.72
Max. Power Current-Impp(A)	12.96	13.02	13.14	13.20	13.24
Module Efficiency(%)	22.47	22.67	23.05	23.25	23.43
Maximum system voltage	1500V DC				
Fuse Rating(A)	30				
Temperature coefficient Pmax	-0.30%/°C				
Temperature coefficient Isc	0.045 %/°C				
Temperature coefficient Voc	-0.25%/°C				
Refer. Bifacial Factor	80±5%				

MECHANICAL CHARACTERISTICS

NUMBER OF CELLS	144 PCS	TYPE OF FRAME	ANODIZED ALUMINUM ALLOY
Size of cell (mm)	91.89 x182.2	Size of module (mm)	2278 x1134 x30
Type of cell	N-TOPCon Mono	Weight (kg)	33 kg
Thickness of glass (mm)	3.2	Cables/connectors	4.0 mm ² , MC4 Compatible
Junction box	IP68 ThreeDiodes	+300mm / -300mm (connector included)	

PACKAGING CONFIGURATION

Height of Modules (mm)	30
Number of Modules Per Pallet	29
Packaging Box Dimensions (l x w x h) (mm)	2300 x 1120 x 1260
Box Gross Weight (kg)	1084
Number of Modules Per 40ft (HQ) Container	580
Number of Pallets Per 40ft (HQ) Container	20

WORKING CHARACTERISTICS (NOCT)*

NOCT: IRRADIANCE 800W/M2, AMBIENT TEMPERATURE 20°C, AM=1.5 WIND SPEED 1M/S

NUMBER	ASM-580	ASM-585	ASM-595	ASM-600	ASM-605
Rated Power in Watts-Pmax(Wp)	435	439	447	450	454
Open Circuit Voltage-Voc(V)	49.70	49.98	50.38	50.56	53.84
Short Circuit Current-Isc(A)	11.05	11.10	11.17	11.21	14.01
Max. Power Voltage-Vmpp(V)	42.02	42.20	42.56	42.74	45.72
Max. Power Current-Impp(A)	10.35	10.40	10.51	10.54	13.24
Power tolerance	0~+4.99W				
NOCT	45°C±2°C				
Operating Temperature	-40°C to +85°C				

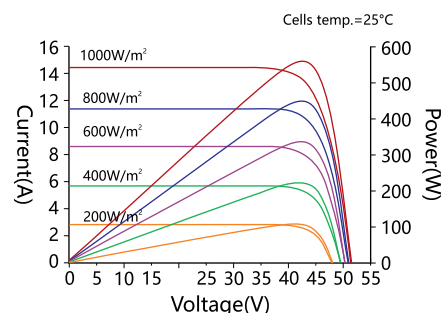
ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN

Pmax(Wp)	609	614	625	630
Efficiency(%)	23.57	23.77	24.19	24.38
Pmax(Wp)	667	672	684	690
Efficiency(%)	25.82	26.01	26.47	26.71
Pmax(Wp)	754	760	774	780
Efficiency(%)	29.18	29.42	29.96	30.19

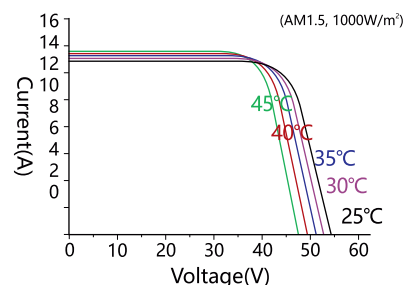
The additional gain from the rear side compared to the power of the front side at the standard It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground.

ASM-580W-182M/144TB

I-V characteristics at different irradiances



I-V characteristics at different temperatures



ASM615-655

BIFACIAL MONOCRYSTALLINE MODULE

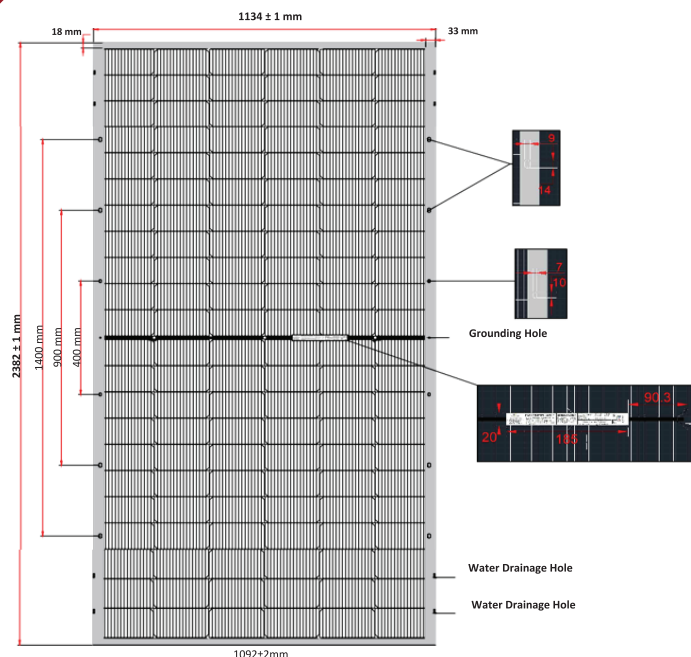


ELECTRICAL CHARACTERISTICS (STC*)

NUMBER	ASM-615	ASM-620	ASM-625	ASM-630	ASM-635	ASM-640	ASM-645	ASM-650	ASM-655
Rated Power in Watts-Pmax(Wp)	615	620	625	630	635	640	645	650	655
Open Circuit Voltage-Voc(V)	47.39	47.52	47.65	47.78	47.85	48.05	48.18	48.31	48.38
Short Circuit Current-Isc(A)	15.81	15.84	15.89	15.92	15.84	15.84	15.84	15.85	15.86
Max. Power Voltage-Vmpp(V)	40.66	40.78	40.92	41.05	42.04	42.31	42.64	42.97	43.23
Max. Power Current-Impp(A)	15.13	15.21	15.28	15.35	15.11	15.13	15.13	15.14	15.17
Module Efficiency(%)	22.6	22.81	22.99	23.17	23.5	23.68	23.87	24.05	24.24
Maximum system voltage	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
Fuse Rating(A)	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00

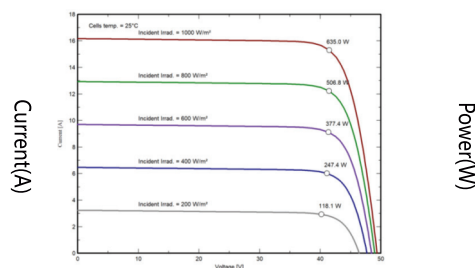
MECHANICAL CHARACTERISTICS

Length x Width x Thickness (L x W x T)	2382mm(L) x 1134mm(W) x 35mm(T)
Weight	33.8 Kgs
Solar Cells per Module (Units)/Arrangement	132 cells/(11X6 11X6)
Solar Cell Type & Size	G12R N-type TOPCon Bifacial
Front Glass (Material / Thickness)	2mm Low Iron HTAR semi-tempered glass
Back Glass (Material / Thickness)	2mm Low Iron printed semi-tempered glass
Encapsulate	PID Free & UV Resistant
Junction Box (Protection Degree/Material)	IP68 / Weatherproof PPO
Cable & Connector (Protection Degree/Type)	IP68 rated / MC4 compatible
Cable Cross - Section & Length	4mm ² & 500mm
Frame	Anodized Aluminium Alloy

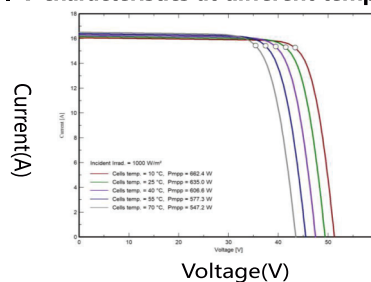


ASM-580W-182M/144TB

I-V characteristics at different irradiances



I-V characteristics at different temperatures





EUROLEX® ON GRID

On Grid Inverter

Ranging from 2 kw – 250 kw



MODEL NUMBER	EURO-O -3K-5K	EURO-ON -10K	EURO-ON -15K	EURO-ON -20K	EURO-ON -30K	EURO-ON -50K
INPUT DC						
Max. DC Power	3402W/5550W	13 KW	19 KW	26 KW	39 KW	67 KW
Max. DC Voltage	600 Vdc	470-800 VDC		1000 VDC		
MPPT Voltage Range	90-580 Vdc	160-950 VDC		480-800 VDC	480-850 VDC	540-850 VDC
Rated DC Voltage	360 Vdc			180-950 VDC	200-950 VDC	200-960 VDC
Related DC Voltage	90 Vdc	200 VDC		620 VDC		
Start Voltage	70 Vdc	160 VDC			250 VDC	
Min DC Voltage	12.5A/11A	11A/11A	11A/22A	160 VDC	200 VFC	250 VDC
Minimum DC Current	1/2	1+1	1+2	2*25A	3*23A	110A
Max No. of DC Connection Set	1/2			2/2+2	2+2+2	3+3+2+2
Number of MPPT		2		2	3	4
DC Switch			YES			

OUTPUT AC

Rated Output Power	3000W/5000W	10 KW	20 KW	30 KW	39 KW
Max. AC Power	3300W/5000W	11 KVA	22 KVA	33 KVA	55 KVA
Max. AC Current	14.3A/23.8A	16 A	33.5 A	48 A	76 A
Rated AC Voltage Range	220V,230V,240V		380V,400V	340-440V	
Grid Frequency		50Hz,47-53Hz			
Power Factor		+0.8(Adjustable)<3%			
Harmonic Distortion Current		3W+N+PE			
Grid Connection Type					

EFFICIENCY

Max Efficiency	97.60%/97.80%	98.10%	98.20%	98.30%	98.80%
Euro Efficiency	97.3%/97.30%	97.80%	97.80%	98%	98.40%
MPPT Efficiency			99.50%		

Protection

DC Over Current Protection		Integrated			
AC Short Circuit Current Protection		Integrated			
DC Reverse-Polarity Protection		Integrated			
Surge Protection		AC Class II	AC Class II	DC Class II	AC Class II
DC Insulation Monitoring		Integrated			
Leakage Current Protection		Integrated			
Anti-Islanding Protection	AFD	Integrated			

Interface

AC connection	Plug-in-Connection				
DC Connection	MC4/H4				
LCD/LED Display	LED+APP (Bluetooth)				
Language	English				
Communication	RS485 (STANDARD)/Wi-Fi & GPRS (Optional)				

Interface

Topology	Transformersless				
Operating Temperature range (°C)	(-25°C-60°C)				
Cooling Method	Natural Convection				
Relative Humidity	0-100%, Non Condensing				
Noise	<30dBA				
Ingress Protection Class (IP)	IP65				
Warranty	5 (Standard)/10 Optional				
Certification	All IEC Certification As Per Indian Market				



EUROLEX[®] ON GRID

On Grid Inverter

Ranging 60 Kw -250 kw 3-Phase



Capacity of Inverter	60KW	70KW	80KW	90KW	100KW	110KW
INPUT DC						
Nominal Input DC Power(KW)	60	70	80	90	100	110
MAX DC Input Voltage (V)			1000			
Start -Up DC Input Voltage (V)			250			
MPPT Operating Range (V)			200-850			
Max DC Input Current (A)			40A PER MPPT			
MPPT Operating Range (V)			200-850			
Number of MPPT	4	4	4	6	6	6
No of String Per MPPT	3	4	4	4	4	4

OUTPUT AC						
Rated Output Power (KW)	60	70	80	90	100	110
Rated AC Grid Voltage (V)			400			
AC Grid Voltage Range(V)			320-480			
Rated Grid Frequency (HZ)			50			
Grid Frequency Range(HZ)			45-55			
OPERATING PHASE			3P+N+E			
Rated AC Output Current (A)	86	100	115	129	144	
THD			≤3%			
Output Power Factor			0.8 Leading to 0.8 lagging			
Max Efficiency	98.40%	98.40%	98.30%	98.32%	98.31%	98.31%

150KW -250KW

ON GRID 3-PHASE INVERTER

CAPACITY OF INVERTER	125KW	130KW	136KW	150KW	200KW	250KW
INPUT DC						
Nominal Input DC Power (KW)	125	130	136	150	200	250
MAX DC Input Voltage (V)		1100			1500	
Start -Up DC Input Voltage (V)		250			650	
MPPT Operating Range (V)		320-480			880-1300	
Max DC Input Current (A)		40A PER MPPT			26A Per MPPT	
Number of MPPT		8			12	
No of String Per MPPT		4			2	
OUTPUT AC						
Rated Output Power (KW)	125	130	136	150	200	250
Rated AC Grid Voltage (V)		400		500V		800V
AC Grid Voltage Range(V)		320-480		400-621V	400-621V	640-920V
Rated Grid Frequency (HZ)		50			50	
Grid Frequency Range(HZ)		45-55			45-55	
OPERATING PHASE		3P+N+E			3P+N+E	
Rated AC Output Current (A)	180A	189A	197A	173A	144A	180A
THD			≤3%			
Output Power Factor			0.8 Leading to 0.8 Lagging			
Max Efficiency	98.80%	98.80%	98.80%	99%	99%	99%
MPPT Efficiency	99%	99%	99%	99.90%	99.90%	99.90%

USHA

SOLAR PANELS

HOW IT WORKS

Usha Solar Panels Capture Energy
Straighten The Solar Panel, Made Of Many
Small Solar Cells, Usually Silicon, Each
Usha Solar Cell Is Designed To Absorb
Optimum Photon Light (Particle) From
Sunlight.



Sunlight Absorption

When Photons Strike The Silicon,
They Excite Electrons Loose From
The Atoms.



Electricity Generation

This Creates An Electric Current
Inside The Cell — This Process Is
Called The Photovoltaic Effect.



Combined Power

All The Solar Cells Are Wired
Together In The Panel, So The DC
Power From Each Cell Adds Up.



Higher Unit = More Power

Multiple Units Join Panels Can Be
Connected Together To Make A
Solar Array For More Power.



DC To AC Conversion

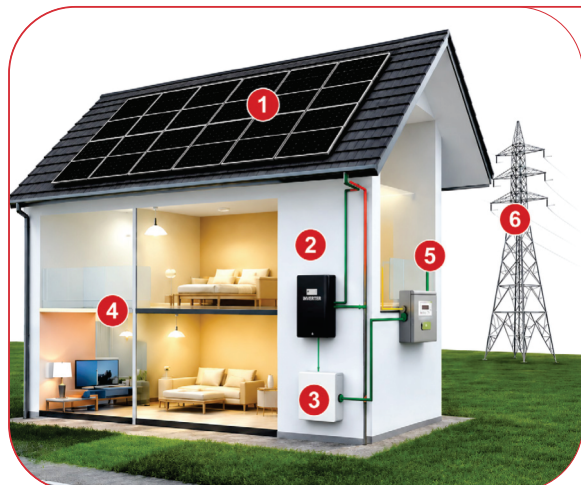
Inverter Appliances Like A Inverting
Current (AC), Not DC.



Power Usage & Storage

The Converted AC Power Can Be:

- Used Instantly In Your Home.
- Sent To The Grid (If You Have
Net Metering).
- Stored In Batteries For
Later Use.



1. Solar Panels
Capture Sunlight
2. Inverter Converter
DC to AC
3. Battery (Optional)
Stores Energy
4. Home Appliances
use the Power
5. Net Meter
Tracks Usage
6. Extra Power
To Grid

Why Choose Usha Solar Panels?



High Efficiency Solar Cells
Advanced technology for maximum energy output.



Reliable Performance
Built to withstand extreme conditions.



Long-Term Savings
Reduce electricity bills and increase energy independence.



Environment Friendly
Clean energy for a greener tomorrow.

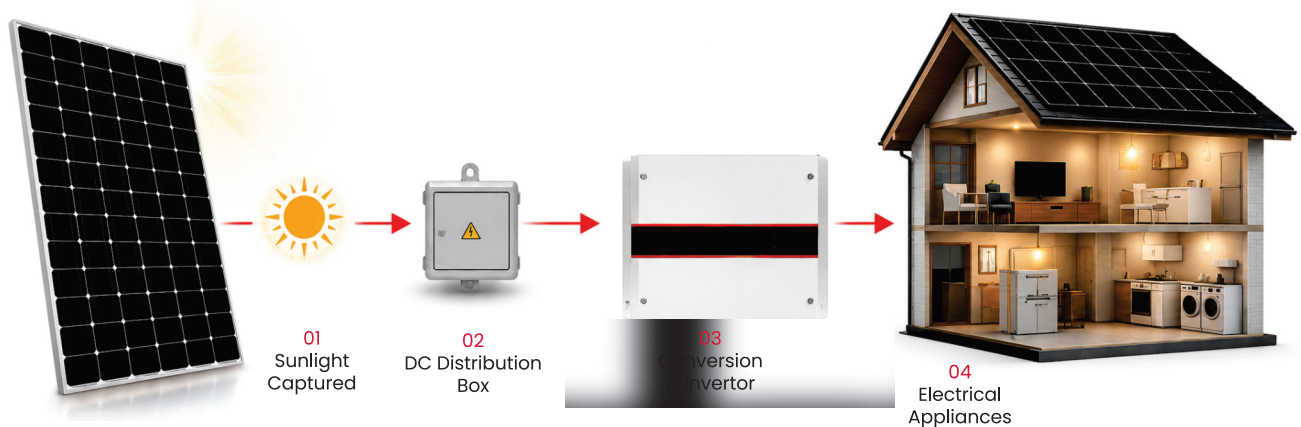


Trusted Brand
Usha Shriram – A legacy of trust and innovation.

HOW USHA SOLAR PANELS IT WORKS

Smart Technology. Clean Energy. Better Tommorrow.

RESIDENTIAL SOLAR



lower electricity bills

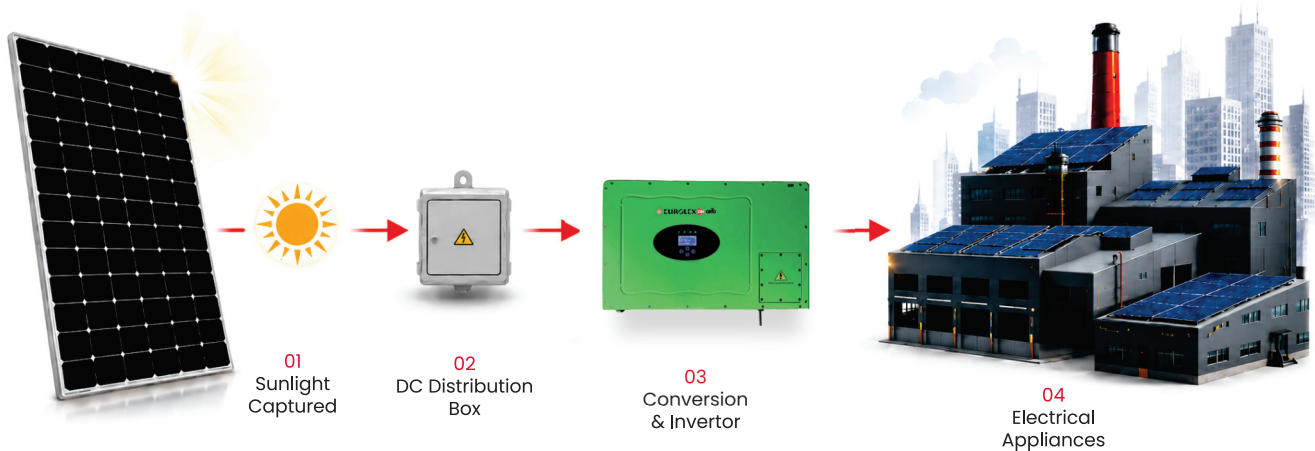


Eco-friendly Energy



Safe & Reliable Power

COMMERCIAL SOLAR



lower electricity bills



High Efficiency & Productivity



Sustainable Business Future

NOTES

[illegible]

COMPLETE SOLAR ENERGY SOLUTIONS



SOLAR PANELS
High efficiency solar modules for maximum output



SOLAR INVERTERS
Reliable performance for efficient energy conversion



PROTECTION DEVICES
Advanced safety for uninterrupted performance



BATTERIES
Safe, durable & long-lasting power backup



MONITORING SYSTEM
Real-time performance tracking at your fingertips



NET METERING
Smart monitoring for energy savings & transparency



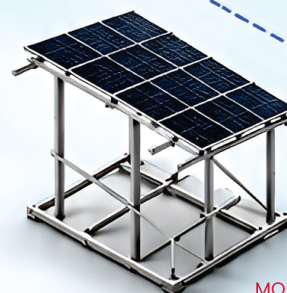
COMBINER BOX
Enhanced safety with optimized power management



SOLAR CABLES
High-quality cables for safe & efficient power flow



MOUNTING STRUCTURE
Strong, corrosion-resistant structure for all roof types



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SOLAR PANELS



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