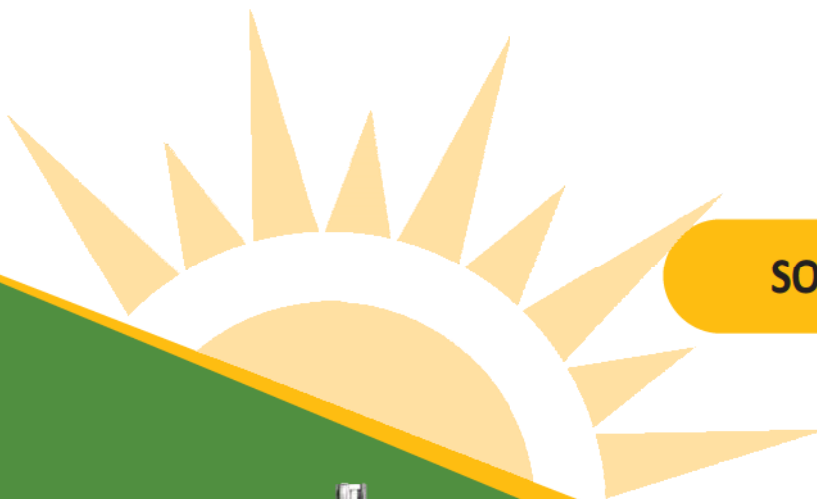




URenergy®

USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA



SOLAR PANEL





USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

U R Energy started its journey in the solar industry in Australia in 2009 and within 6 years achieved a market leading position servicing 70,000+ residential and commercial customers across the Australian solar market. Inspired by the success in Australia, the company decided to expand globally and most recently began operations in India in 2015 and the United States of America in 2016. The company now procures, develops and installs solar power systems at economic prices for residential, commercial and utility scale customers across the world including Australia, United States of America, India, Dubai, Africa, and United Kingdom.

Quality is at the core of our business whether it be the solar products we source, our installation process or the service we provide to our customers. U R Energy is an ISO 9001, ISO 14001 and OHSAS 18001 accredited company and we source only the highest quality solar power systems from Tier 1, modern manufacturing facilities around the world.

The business was started with a single goal, to help accelerate the growth and adoption of solar power systems across the world not only for its obvious environmental benefits but also for the economic benefits available to our customers. That's why we offer the highest quality products at the best price available on the market today and as always, backed by our 5% price beat guarantee.



255-275w



Marketed by:
UREnergy
USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:
SERAPHIM

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

ISO 9001 : Quality management system
ISO 14001 : Standard for environmental management system
OHSAS 18001 : International standard for occupational health and safety assessment system

WARRANTY

10 YEARS guarantee on product material
25 YEARS linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion
(IEC61701, tested in Intertek)



Safety for ammonia corrosion
(IEC62716, tested in TÜV SÜD)



Safety for fire risk
(Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments

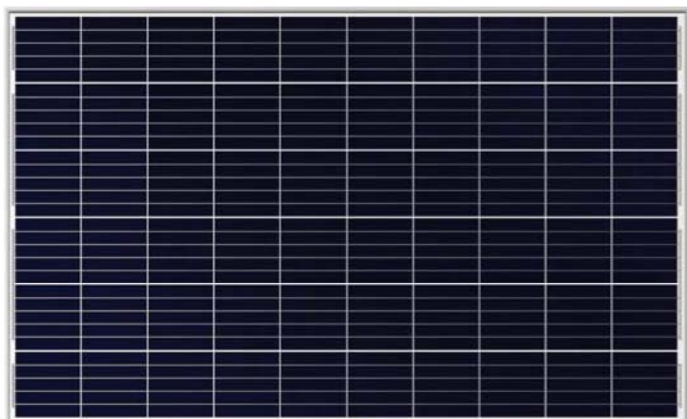


100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality



Top rank in Photon yield measurement

255-275w



Electrical Characteristics

	URE-255-6PB	URE-260-6PB	URE-265-6PB	URE-270-6PB	URE-275-6PB	UNIT
Rated Power at STC (Pmp)	255	260	265	270	275	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Maximum Power at STC	259.99	264.99	269.55	274.99	279.99	W
Minimum Module Efficiency (nm)	15.7	16.0	16.3	16.6	16.9	%
Open Circuit Voltage (Voc)	38.1	38.2	38.3	38.4	38.5	V
Short Circuit Current (Isc)	8.60	8.67	8.73	8.82	8.88	A
Maximum Power Voltage (Vmp)	31.9	32.1	32.4	32.7	33.0	V
Maximum Power Current (Imp)	8.00	8.10	8.18	8.28	8.34	A
Maximum System Voltage	1000(TUV), 600(UL)					V
Maximum Series Fuse Rating	15					A

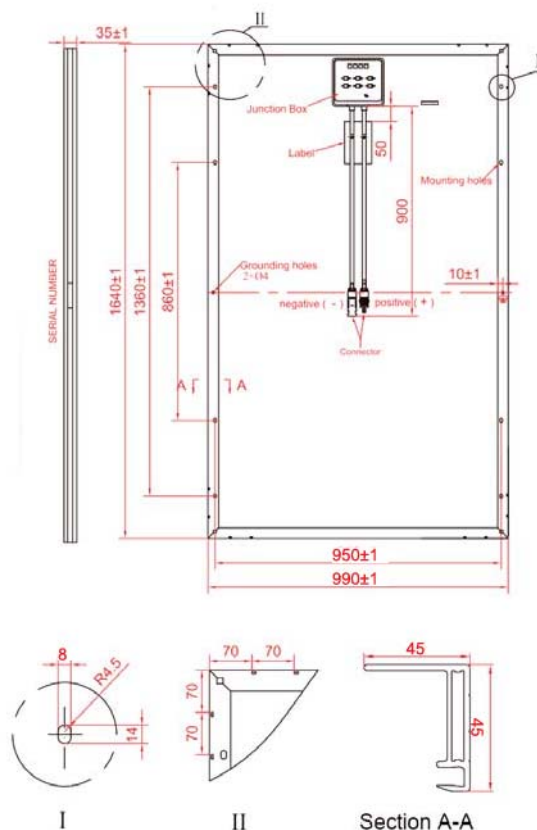
STC: Irradiance 1000 W/m² module temperature 25C AM=1.5;
Power measurement tolerance : +/-3%

Temperature Characteristics

Pmax Temperature Coefficient	-0.42%/°C
Voc Temperature Coefficient	-0.32%/°C
Isc Temperature Coefficient	+0.04%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

Container	20' GP	40' GP	40' HC
Pieces per Pallet	30	30	N.A
Pallets per Container	12	28	N.A
Pieces per Container	360	840	N.A



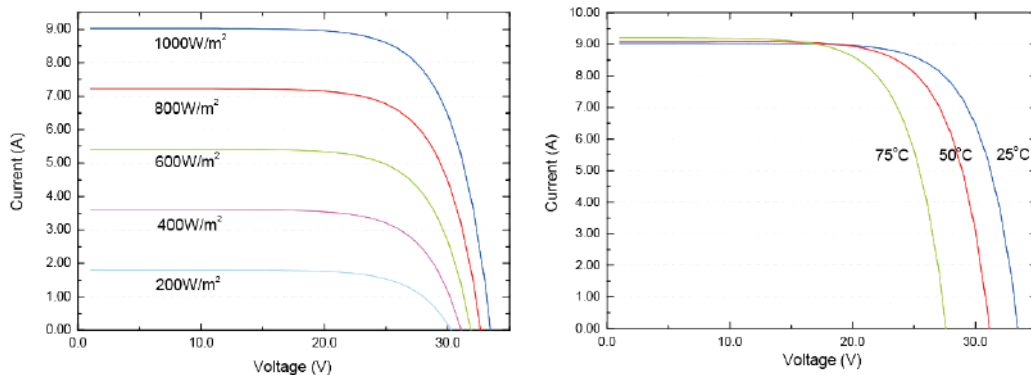
* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

Mechanical Specifications

External Dimensions	1640 x 990 x 45 mm
Weight	19.0kg
Solar Cells	Polycrystalline 156 x 156 mm (60pcs)
Front Glass	3.2mm tempered glass, low iron
Frame	Anodized / Electrophoretic aluminium alloy
Junction Box	IP65/IP67
Output Cables	4.0mm ² , symmetrical lengths 900 mm
Connector	Mc4 Compatible
Mechanical Load	5400 Pa
Hailstone Impact Test	80km/h for 25mm ice ball

Current-Voltage & Power-Voltage Curve(URE-260-6PB)



260-275W



Marketed by:



Manufactured by:



Rated re 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY



guarantee on product material



linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion (IEC61701, tested in Intertek)



Safety for ammonia corrosion (IEC62716, tested in TÜV SÜD)



Safety for fire risk (Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



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Top rank in Photon yield measurement

Electrical Characteristics (STC)

Module Type	URE-260-6PB	URE-265-6PB	URE-270-6PB	URE-275-6PB
Rated Power at STC (P _{mp})	260	265	270	270
Open Circuit Voltage-V _{oc} (V)	38	38.30	38.5	38.8
Short Circuit Current-I _{sc} (A)	8.72	8.83	8.94	9.02
Maximum Power Voltage (V _{mp})	30.9	31.1	31.3	31.6
Maximum Power Current (I _{mp})	8.42	8.52	8.63	8.71
Module Efficiency (nm)	15.99	16.29	16.6	16.9

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%

Electrical Characteristics (NOCT)

Module Type	URE-260-6PB	URE-265-6PB	URE-270-6PB	URE-275-6PB
Maximum Power at NOCT - (P _{mp})	192	196	200	230
Open Circuit Voltage-V _{oc} (V)	35	35.3	35.5	35.7
Short Circuit Current - I _{sc} (A)	7.05	7.14	7.22	7.29
Maximum Power Voltage (V _{mp})	28.8	29.1	29.3	29.5
Maximum Power Current (I _{mp})	6.67	6.74	6.83	6.88
Power Tolerance (W)	(0,+4.99)			
Maximum System Voltage (V)	1000(TUV), 1000 (UL)			
Maximum Series Fuse Rating (A)	15			

NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
Power measurement tolerance : +/-3%

Temperature Characteristics

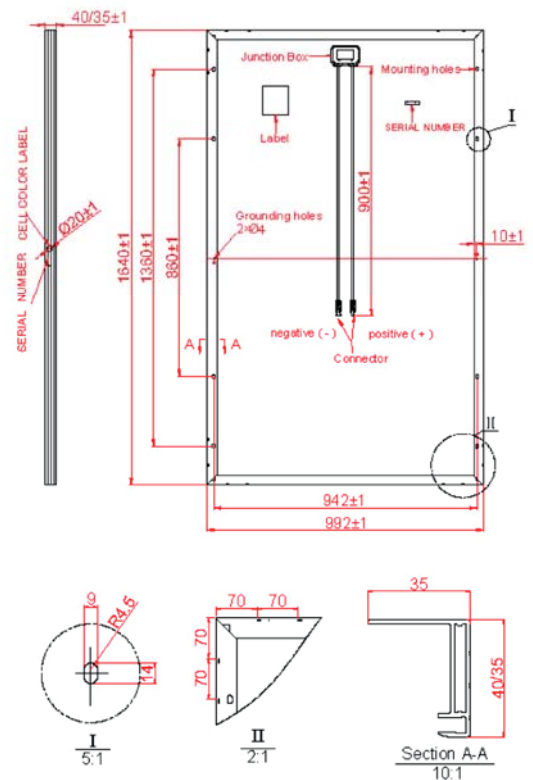
P _{max} Temperature Coefficient	-0.41%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	-0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	26	26	30	30
Pallets per Container	12	28	12	28
Pieces per Container	312	728	360	840

Mechanical Specifications

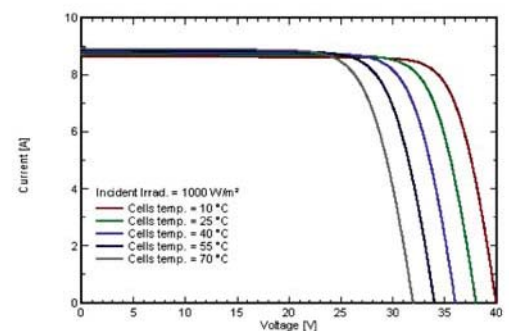
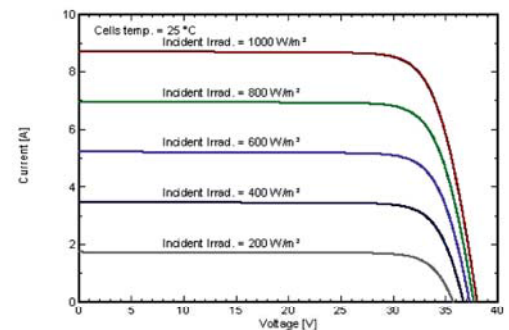
External Dimensions	1640 x 992 x 40 mm	1640 x 992 x 35 mm
Weight	19.0kg	18.5kg
Solar Cells	Polycrystalline 156.75 x 156.75mm (60pcs)	Polycrystalline 156.75 x 156.75mm (60pcs)
Front Glass	3.2mm tempered glass, low iron	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy	Anodized / aluminium alloy
Junction Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 900 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

I-V Curve (URE-6PB)



250-290w



Marketed by:
UREnergy®
USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:
TALESUN

Rated re 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY

- 10 YEARS** guarantee on product material
- 25 YEARS** linear power output warranty

INSURANCE



Leading Features

Safety



Safety for salt mist corrosion (IEC61701, tested in Intertek)



Safety for ammonia corrosion (IEC62716, tested in TÜV SÜD)



Safety for fire risk (Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality



Top rank in Photon yield measurement

250-290w



ELECTRICAL PARAMETERS

Model	UR660P/M								
Maximum Power (Pmax/W)	250	255	260	265	270	275	280	285	290
Opera ng Voltage (Vmpp/V)	30.5	30.6	30.7	30.8	31.3	31.7	31.8	32.1	32.4
Opera ng Current (Impp/A)	8.22	8.36	8.51	8.62	8.63	8.69	8.81	8.88	8.96
Open-Circuit Voltage (Voc/V)	37.2	37.5	37.9	38.2	38.5	38.7	38.9	39.1	39.3
Short-Circuit Current (Isc/A)	8.90	8.94	8.97	9.04	9.09	9.17	9.35	9.41	9.47
Module Efficiency ηm(%)	15.2	15.5	15.8	16.1	16.6	16.9	17.2	17.6	17.9
Power Tolerance		0+3%							
Temperature Coefficient	Pmax	-0.39%/-0.40%/°C							
	Voc	-0.30%/-0.31%/°C							
	Isc	-0.05%/-0.06%/°C							
Noct	45±2 °C								

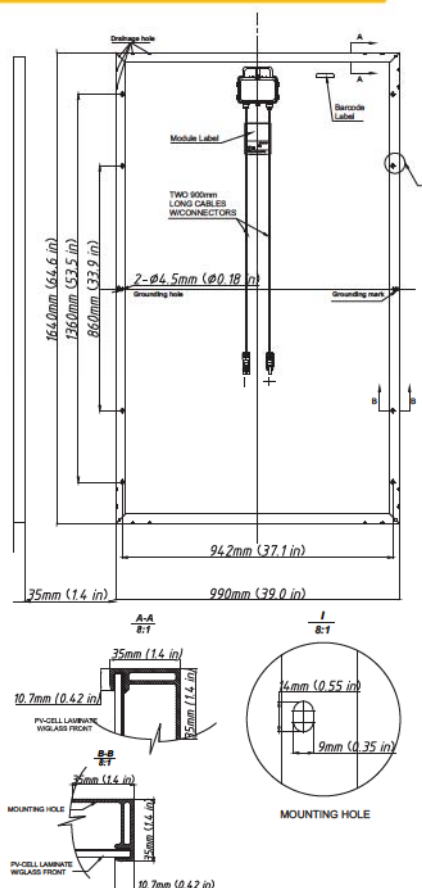
* STC: 1000w/m², 25°C, AM 1.5

OPERATING CONDITIONS

Maximum System Voltage	1000V/DC(IEC)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse	15A
Static Loading	5400Pa
Conductivity at Ground	≤ 0.1Ω
Safety Class	
Resistance	≥ 100MΩ
Connector	Mc4 Compatible

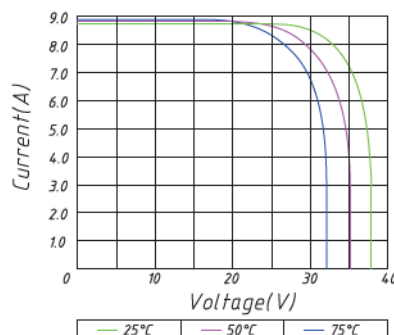
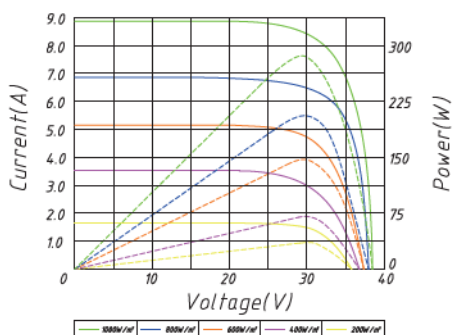
OTHER PARAMETERS

Cell Type	Mono / Poly Crystalline
Cell Dimensions	156*156mm(6inch)
Cell Arrangement	60(6*10)
Weight	18.5kg(40.8lbs)
Module Dimensions	1640*990*35mm(64.6*39.0*1.4inch)
Cable Length	900mm(35.4inch)
Cable Cross Section Size	4mm ² (0.006sq.in)
Front Glass	3.2mm High Transmission, Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	30pcs/Pallet, 840pcs/40hq
Packing Configuration (2)	30pcs+5pcs/Pallet, 910pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP65/IP67



* All Dimensions in mm
* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

Current-Voltage & Power-Voltage Curve(URE-260-6PB)



300-350w



Marketed by:
UREnergy®
USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:

TALESUN

Rated re 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system
- PID Free** : Certified by TUV Rheinland

WARRANTY

- 10 YEARS** guarantee on product material
- 25 YEARS** linear power output warranty

INSURANCE


PowerGuard
SPECIALTY INSURANCE SERVICES


SOLARIF

Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion
 (IEC61701, tested in Intertek)



Safety for ammonia corrosion
 (IEC62716, tested in TÜV SÜD)



Safety for fire risk
 (Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality



Top rank in Photon yield measurement

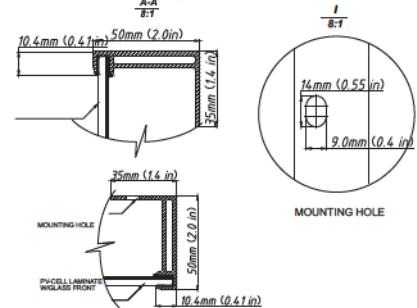
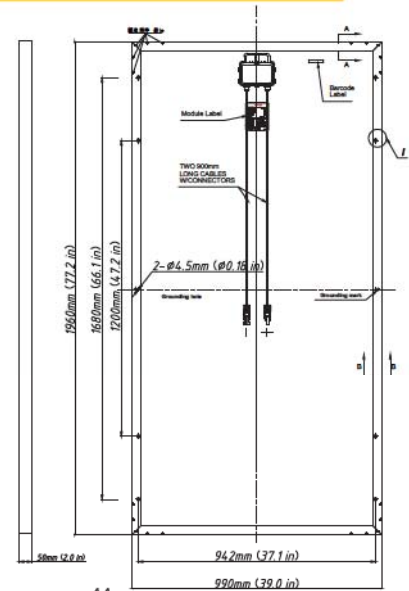
300-350w



ELECTRICAL PARAMETERS

Model	UR672P/M										
Maximum Power (Pmax/W)	300	305	310	315	320	325	330	335	340	345	350
Operating Voltage (Vmpp/V)	36.1	36.2	36.3	36.5	37.1	37.4	37.7	38.2	38.6	38.9	39.3
Operating Current (Impp/A)	8.33	8.43	8.50	8.56	8.63	8.70	8.76	8.77	8.82	8.87	8.92
Open-Circuit Voltage (Voc/V)	45.0	45.1	45.0	45.2	45.5	45.7	45.9	46.7	47.0	47.2	47.4
Short-Circuit Current (Isc/A)	8.88	8.97	9.06	9.11	9.16	9.22	9.27	9.30	9.37	9.43	9.50
Module Efficiency ηm(%)	15.5	15.7	16.0	16.2	16.5	16.7	17.0	17.3	17.5	17.8	18.0
Power Tolerance	0+3%										
Temperature Coefficient	Pmax		-0.39%/-0.40%/°C								
	Voc		-0.30%/-0.31%/°C								
	Isc		-0.05%/-0.06%/°C								
Noct	45±2 °C										

* STC: 1000w/m², 25°C, AM 1.5



* All Dimensions in mm

* The above drawing is a graphical representation of the product. For engineering quality drawings please contact UR ENERGY.

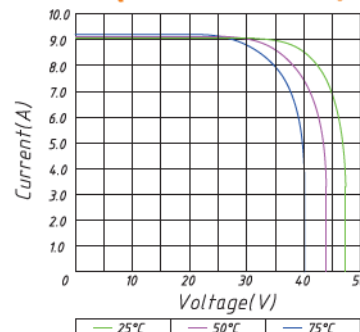
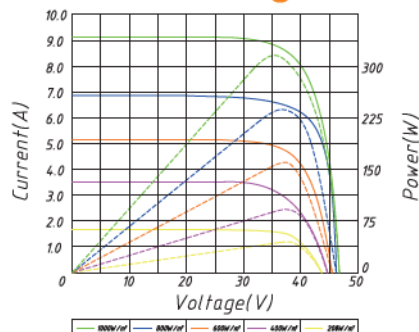
OPERATING CONDITIONS

Maximum System Voltage	1000V/DC(IEC)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse	15A
Static Loading	5400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	Mc4 Compatible

OTHER PARAMETERS

Cell Type	Mono / Poly Crystalline
Cell Dimensions	156*156mm(6inch)
Cell Arrangement	72(6*12)
Weight	24kg(52.9lbs)
Module Dimensions	1960*990*50mm(77.2*39.0*2.0inch)
Cable Length	900mm(35.4inch)
Cable Cross Section Size	4mm ² (0.006sq.in)
Front Glass	3.2mm High Transmission, Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	26pcs/Pallet, 572pcs/40hq
Packing Configuration (2)	26pcs+5pcs/Pallet, 627pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP65/IP67

Current-Voltage & Power-Voltage Curve(URE-260-6PB)



305-325w



Marketed by:
UREnergy®
USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:
SERAPHIM®

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY

- 10 YEARS** guarantee on product material
- 25 YEARS** linear power output warranty

INSURANCE

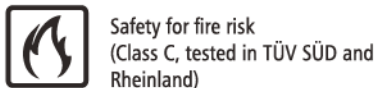
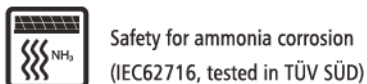
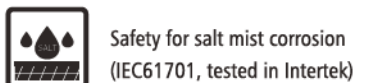


Certifications and standards:

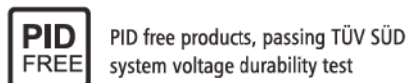


Leading Features

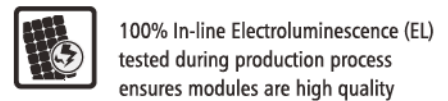
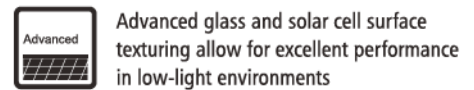
Safety



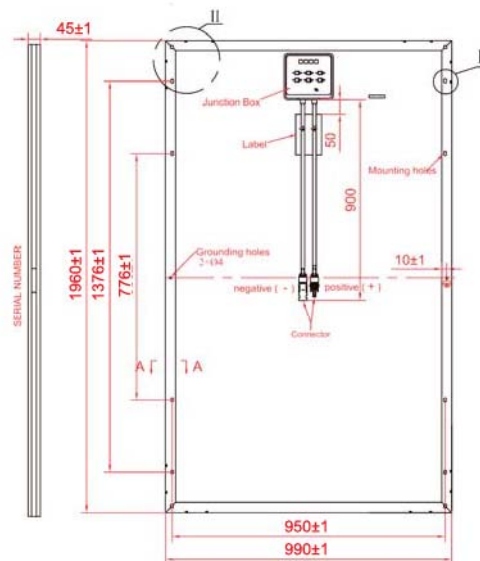
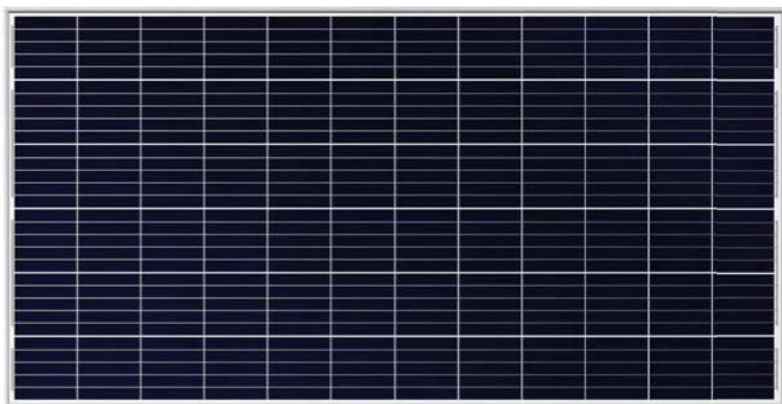
Reliability



Performance



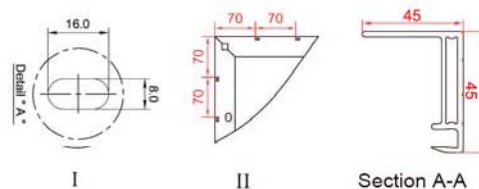
305-325w



Electrical Characteristics

	URE-305-6PA	URE-310-6PA	URE-315-6PA	URE-320-6PA	URE-325-6PA	UNIT
Rated Power at STC (Pmp)	305	310	315	320	325	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Maximum Power at STC	309.99	314.99	319.99	324.99	329.99	W
Minimum Module Efficiency (nm)	15.71	15.97	16.23	16.49	16.8	%
Open Circuit Voltage (Voc)	45.5	45.7	45.9	46.1	46.3	V
Short Circuit Current (Isc)	8.60	8.60	8.73	8.82	8.88	A
Maximum Power Voltage (Vmp)	38.2	38.4	38.6	38.8	39.0	V
Maximum Power Current (Imp)	7.99	8.08	8.17	8.25	8.34	A
Maximum System Voltage	1000(TUV), 1000 (UL)					V
Maximum Series Fuse Rating	15					A

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

Temperature Characteristics

Pmax Temperature Coefficient	-0.42%/°C
Voc Temperature Coefficient	-0.32%/°C
Isc Temperature Coefficient	+0.04%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

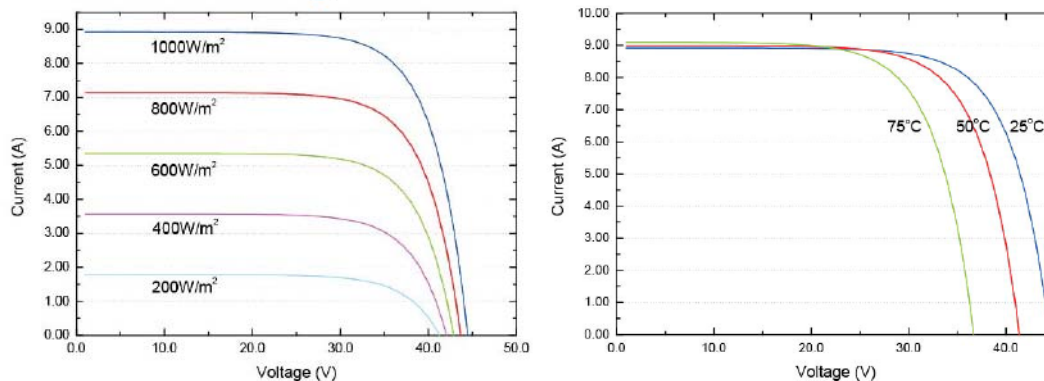
Packing Configuration

Container	20' GP	40' GP	40' HC
Pieces per Pallet	26	26	N.A
Pallets per Container	10	22	N.A
Pieces per Container	260	572	N.A

Mechanical Specifications

External Dimensions	1960 x 990 x 45 mm
Weight	24.0kg
Solar Cells	Polycrystalline 156 x 156 mm (72pcs)
Front Glass	3.2mm tempered glass, low iron
Frame	Anodized / Electrophoretic aluminium alloy
Junction Box	IP65/IP67
Output Cables	4.0mm ² , symmetrical lengths 900 mm
Connector	Mc4 Compatible
Mechanical Load	5400 Pa
Hailstone Impact Test	80km/h for 25mm ice ball

Current-Voltage & Power-Voltage Curve(URE-310-6PA)



315-330W



Marketed by:



Manufactured by:



Rated re 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY



guarantee on product material



linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion (IEC61701, tested in Intertek)



Safety for ammonia corrosion (IEC62716, tested in TÜV SÜD)



Safety for fire risk (Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



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Bankable products

Performance



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Top rank in Photon yield measurement

Electrical Characteristics (STC)

Module Type	URE-315-6PA	URE-320-6PA	URE-325-6PA	URE-330-6PA
Rated Power at STC (P _{mp})	315	320	325	330
Open Circuit Voltage-V _{oc} (V)	45.3	45.5	45.7	45.9
Short Circuit Current-I _{sc} (A)	8.87	8.96	9.03	9.12
Maximum Power Voltage (V _{mp})	36.8	37	37.3	37.5
Maximum Power Current (I _{mp})	8.56	8.65	8.72	8.80
Module Efficiency (nm)	16.23	16.49	16.75	17.01

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%

Electrical Characteristics (NOCT)

Module Type	URE-315-6PA	URE-320-6PA	URE-325-6PA	URE-330-6PA
Maximum Power at NOCT - (P _{mp})	233	236	240	244
Open Circuit Voltage-V _{oc} (V)	41.9	42	42.2	42.4
Short Circuit Current - I _{sc} (A)	7.17	7.24	7.30	7.37
Maximum Power Voltage (V _{mp})	34.4	34.6	34.8	35.0
Maximum Power Current (I _{mp})	6.77	6.83	6.89	6.98
Power Tolerance (W)	(0,+4.99)			
Maximum System Voltage (V)	1000(TUV), 1000 (UL)			
Maximum Series Fuse Rating (A)	15			

NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
Power measurement tolerance : +/-3%

Temperature Characteristics

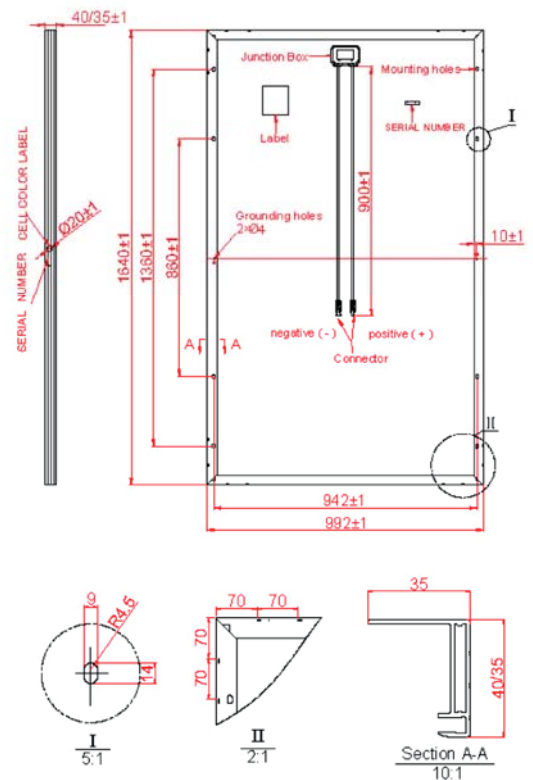
P _{max} Temperature Coefficient	-0.41%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	-0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	21	21	26	26
Pallets per Container	10	22	10	22
Pieces per Container	210	462	260	572

Mechanical Specifications

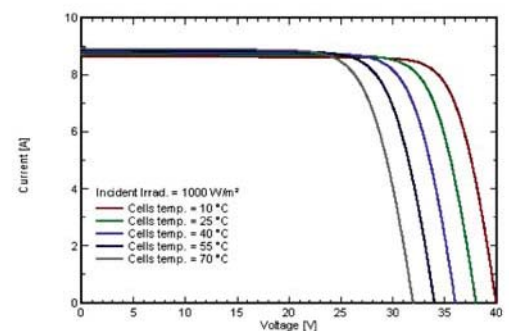
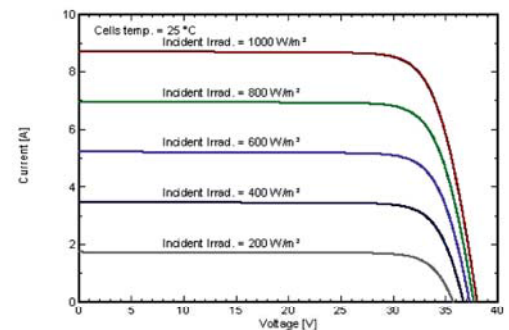
External Dimensions	1640 x 992 x 40 mm	1640 x 992 x 35 mm
Weight	24kg	18.5kg
Solar Cells	Polycrystalline 156.75 x 156.75mm (72pcs)	Polycrystalline 156.75 x 156.75mm (72pcs)
Front Glass	3.2mm tempered glass, low iron	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy	Anodized / aluminium alloy
Junction Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 900 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

I-V Curve (URE-6PB)



265-280w



Marketed by:
UREnergy
USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:
SERAPHIM

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY

- 10 YEARS** guarantee on product material
- 30 YEARS** linear power output warranty

INSURANCE



Certifications and standards:



Leading Features



Excellent fire resistance increases safety class.



Frameless structure cuts off the current leakage circuit to avoid PID.



Special encapsulate material, glass as substrate avoids hydrolysis effect, and stable dual-glass structure effectively avoids snail trail.



Solution to withstand harsh environment, glass instead of back sheet as substrate with better resistant to sand, salt mist, ammonia, acid, alkali, etc.



Less maintenance due to frameless structure with less soiling and snow accumulation.

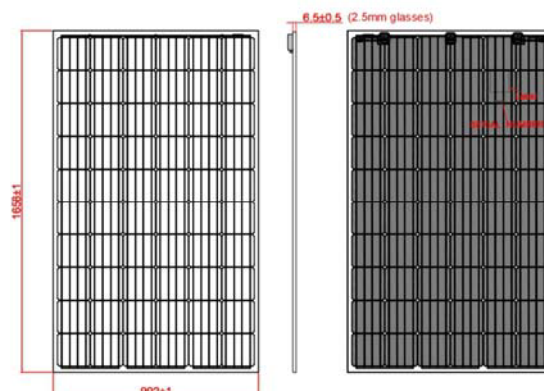
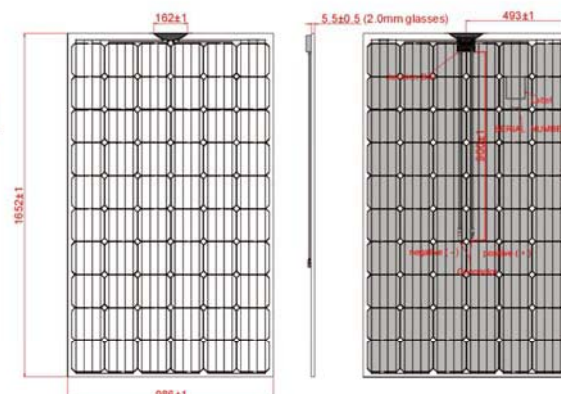


Lower power degradation, more power yield, more returns

Electrical Characteristics (STC)

Module Type (DG)	URE-265-6MB		URE-270-6MB		URE-275-6MB		URE-280-6MB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power - (Pmp) (W)	265	196	270	200	275	204	280	207
Open Circuit Voltage-V _{oc} (V)	38.50	35.50	38.70	35.70	38.90	35.90	39.10	36.10
Short Circuit Current-I _{sc} (A)	8.81	7.12	8.91	7.20	9.01	7.28	9.11	7.36
Maximum Power Voltage (Vmp)	31.20	29.30	31.40	29.50	31.70	29.70	31.90	29.90
Maximum Power Current (Imp)	8.50	6.71	8.60	6.79	8.69	6.87	8.79	6.95
Module Efficiency STC-nm (%)	16.11		16.42		16.72		17.02	
Power Tolerance (W)	(0,+4.99)							
Maximum System Voltage (V)	1000(TUV)							
Maximum Series Fuse Ra ng (A)	15							

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
 NOCT : Irradiance 800 W/m² ambient temperature 20° C wind speed : 1m/s;
 The module efficiency is calculated by the dimension of module with 2/5mm glasses
 Power measurement tolerance : +/-3%



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
 For engineering quality drawings please contact UR ENERGY.

Temperature Characteristics

P _{max} Temperature Coefficient	-0.40%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	+0.05%/°C

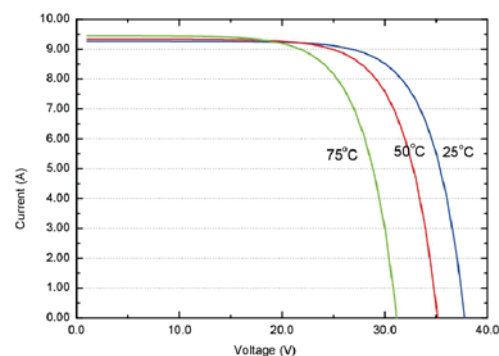
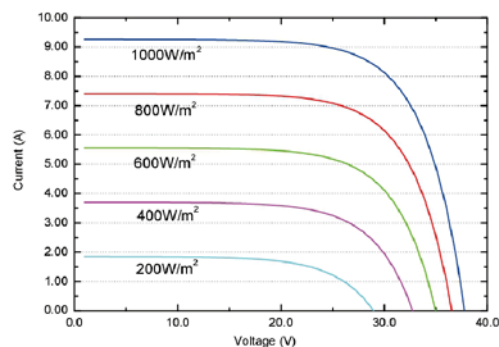
Packing Configuration

	1652 x 986 x 5.5mm (2.0mm glasses)		1658 x 992 x 6.5mm (2.5mm glasses)	
Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	38	38	33	33
Pallets per Container	12	26	12	26
Pieces per Container	456	988	396	858

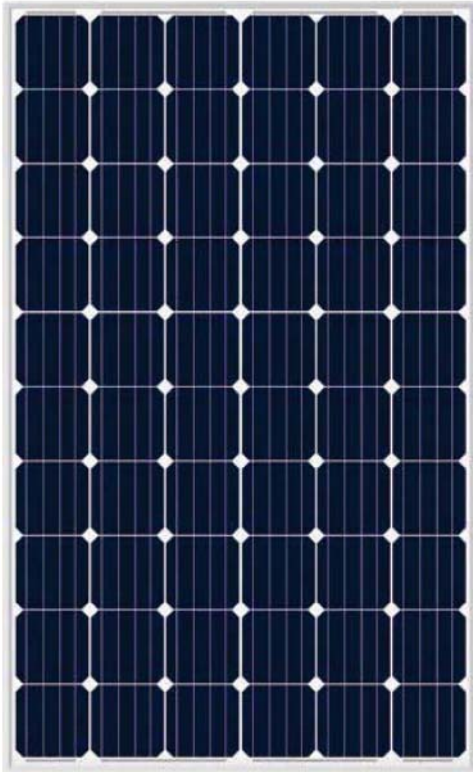
Mechanical Specifications

External Dimensions	1652 x 986 x 5.5 mm (2.0mm glasses)	1658 x 992 x 6.5 mm (2.5mm glasses)
Weight	19.0 kg	22.5 kg
Solar Cells	Mono crystalline 156.75 x 156.75mm (60pcs)	Mono crystalline 156.75 x 156.75mm (60pcs)
Front Glass	2.0mm AR tempered glass, low iron	2.5mm AR tempered glass, low iron
Back Glass	2.0mm tempered glass, low iron	2.5mm tempered glass, low iron
Junction on Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 355 mm(-), 255mm (+)
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	2400 Pa	2400 Pa

I-V Curve (URE-270-6MB-DG)



275-290w



Marketed by:

UREnergy[®]

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Manufactured by:

SERAPHIM[®]

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

ISO 9001 : Quality management system
ISO 14001 : Standard for environmental management system
OHSAS 18001 : International standard for occupational health and safety assessment system

WARRANTY

10 YEARS guarantee on product material
25 YEARS linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion
(IEC61701, tested in Intertek)



Safety for ammonia corrosion
(IEC62716, tested in TÜV SÜD)



Safety for fire risk
(Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality



Top rank in Photon yield measurement

Electrical Characteristics (STC)

Module Type	URE-275-6MB	URE-280-6MB	URE-285-6MB	URE-290-6MB
Rated Power at STC (P _{mp}) (W)	275	280	285	290
Open Circuit Voltage-V _{oc} (V)	38.7	38.9	39.1	39.3
Short Circuit Current-I _{sc} (A)	9.12	9.22	9.33	9.44
Maximum Power Voltage (V _{mp})	31.1	31.3	31.5	31.7
Maximum Power Current (I _{mp})	8.85	8.95	9.05	9.15
Module Efficiency (nm)	16.9	17.21	17.52	17.83

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%

Electrical Characteristics (NOCT)

Module Type	URE-275-6MB	URE-280-6MB	URE-285-6MB	URE-290-6MB
Maximum Power at NOCT - (P _{mp})	204	208	212	215
Open Circuit Voltage-V _{oc} (V)	35.8	36	36.2	36.3
Short Circuit Current - I _{sc} (A)	7.37	7.45	7.54	7.63
Maximum Power Voltage (V _{mp})	29.5	29.7	29.9	30
Maximum Power Current (I _{mp})	6.91	7.01	7.09	7.17
Power Tolerance (W)	(0,+4.99)			
Maximum System Voltage (V)	1000(TUV), 1000 (UL)			
Maximum Series Fuse Rating (A)	20			

NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
Power measurement tolerance : +/-3%

Temperature Characteristics

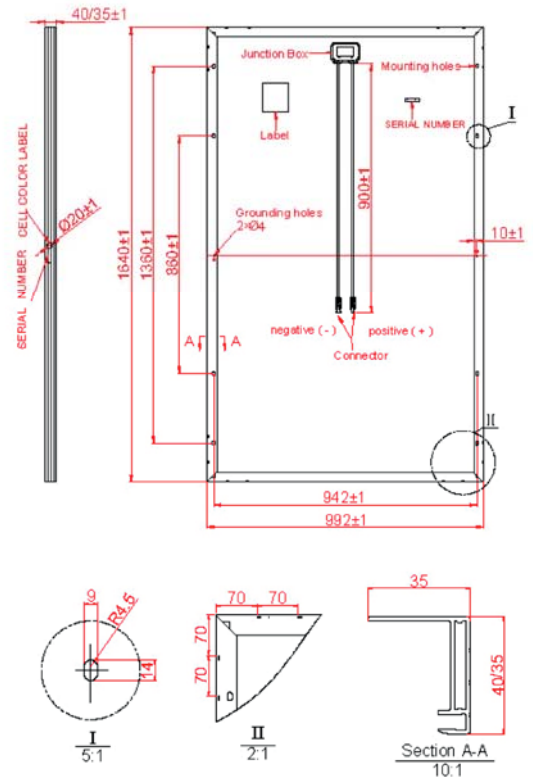
P _{max} Temperature Coefficient	-0.41%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	+0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	26	26	30	30
Pallets per Container	12	28	12	28
Pieces per Container	312	728	360	840

Mechanical Specifications

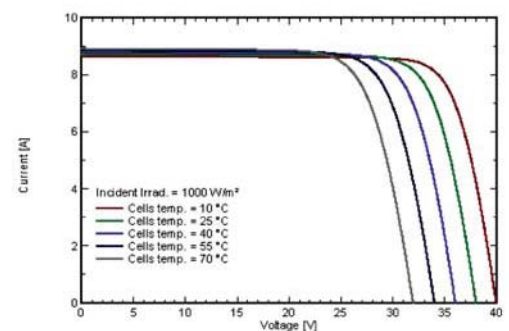
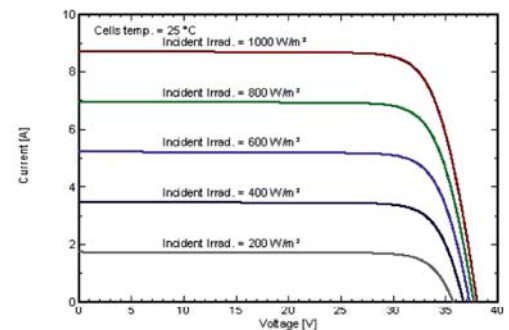
External Dimensions	1640 x 992 x 40 mm	1640 x 992 x 35 mm
Weight	19.0kg	18.5kg
Solar Cells	Mono crystalline 156.75 x 156.75mm (60pcs)	Mono crystalline 156.75 x 156.75mm (60pcs)
Front Glass	3.2mm tempered glass, low iron	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy	Anodized / aluminium alloy
Junction Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 900 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

I-V Curve (URE-275-6MB)



280-300w



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UREnergy
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Manufactured by:
SERAPHIM

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

ISO 9001 : Quality management system
ISO 14001 : Standard for environmental management system
OHSAS 18001 : International standard for occupational health and safety assessment system

WARRANTY

10 YEARS guarantee on product material
25 YEARS linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety

- 1500V** Withstand and applicable up to 1500V high system voltage
- NEW -IEC-** Tested and certified according to newest IEC standard IEC61730-1:2016 IEC61730-2:2016
- G** Class C fire safety class

Reliability

- PID FREE** PID free products, passing TÜV SÜD system voltage durability test
- 1st** World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate
- \$¥€£** Bankable products

Performance

- Advanced** Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments
- 100%** 100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality
- Photon TOP** Top rank in Photon yield measurement

295-305w



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UREnergy®

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Manufactured by:

SERAPHIM®

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

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OHSAS 18001 : International standard for occupational health and safety assessment system

WARRANTY

10 YEARS guarantee on product material
25 YEARS linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion
(IEC61701, tested in Intertek)



Safety for ammonia corrosion
(IEC62716, tested in TÜV SÜD)



Safety for fire risk
(Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality



Top rank in Photon yield measurement

Electrical Characteristics (STC)

Module Type	URE-295-6MB	URE-300-6MB	URE-305-6MB
Rated Power at STC (P _{mp}) (W)	295	300	305
Open Circuit Voltage-V _{oc} (V)	39.5	39.7	39.9
Short Circuit Current-I _{sc} (A)	9.56	9.65	9.76
Maximum Power Voltage (V _{mp})	31.9	32.1	32.3
Maximum Power Current (I _{mp})	9.25	9.35	9.45
Module Efficiency (nm)	18.13	18.44	18.75

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%

Electrical Characteristics (NOCT)

Module Type	URE-295-6MB	URE-300-6MB	URE-305-6MB
Maximum Power at NOCT - (P _{mp})	219	223	226
Open Circuit Voltage-V _{oc} (V)	36.5	36.7	36.8
Short Circuit Current - I _{sc} (A)	7.73	7.82	7.91
Maximum Power Voltage (V _{mp})	30.1	30.3	30.4
Maximum Power Current (I _{mp})	7.28	7.36	7.44
Power Tolerance (W)	(0,+4.99)		
Maximum System Voltage (V)	1000(TUV), 1000 (UL)		
Maximum Series Fuse Rating (A)	20		

NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
Power measurement tolerance : +/-3%

Temperature Characteristics

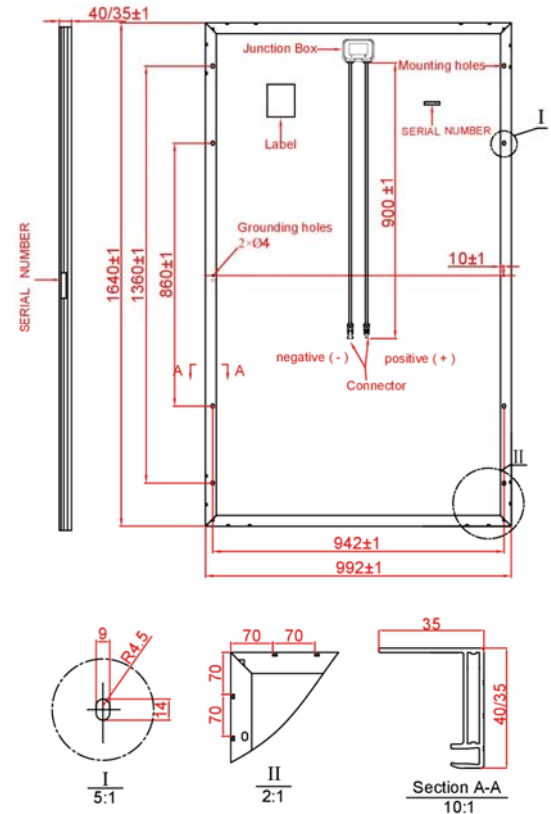
P _{max} Temperature Coefficient	-0.41%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	+0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	26	26	30	30
Pallets per Container	12	28	12	28
Pieces per Container	312	728	360	840

Mechanical Specifications

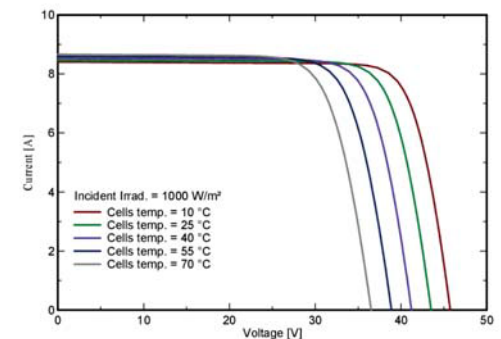
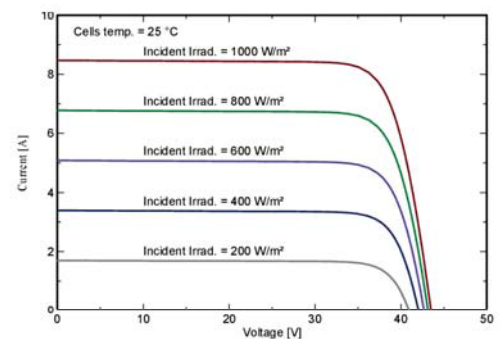
External Dimensions	1640 x 992 x 40 mm	1640 x 992 x 35 mm
Weight	19.0kg	18.5kg
Solar Cells	Mono crystalline 156.75 x 156.75mm (60pcs)	Mono crystalline 156.75 x 156.75mm (60pcs)
Front Glass	3.2mm tempered glass, low iron	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy	Anodized / aluminium alloy
Junction Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 900 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

I-V Curve (URE-275-6MB)



325-340w



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UREnergy
USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:
SERAPHIM

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

ISO 9001 : Quality management system
ISO 14001 : Standard for environmental management system
OHSAS 18001 : International standard for occupational health and safety assessment system

WARRANTY

10 YEARS guarantee on product material
30 YEARS linear power output warranty

INSURANCE



Certifications and standards:



Leading Features



Excellent fire resistance increases safety class.



Frameless structure cuts off the current leakage circuit to avoid PID .



Special encapsulate material, glass as substrate avoids hydrolysis effect, and stable dual-glass structure effectively avoids snail trail.



Solution to withstand harsh environment, glass instead of back sheet as substrate with better resistant to sand, salt mist, ammonia, acid, alkali, etc.



Less maintenance due to frameless structure with less soiling and snow accumulation.



Lower power degradation, more power yield, more returns

Electrical Characteristics (STC)

Module Type (DG)	URE-325-6MA		URE-330-6MA		URE-335-6MA		URE-340-6MA	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power - (Pmp) (W)	325	241	330	244	335	248	340	252
Open Circuit Voltage-V _{oc} (V)	46.50	42.90	46.70	43.10	46.90	43.30	47.10	43.50
Short Circuit Current-I _{sc} (A)	8.92	7.21	9.01	7.28	9.09	7.34	9.16	7.47
Maximum Power Voltage (Vmp)	37.80	35.40	38.00	35.60	38.20	35.80	38.50	36.10
Maximum Power Current (Imp)	8.61	6.80	8.69	6.87	8.77	6.93	8.84	6.99
Module Efficiency STC-nm (%)	16.56		16.82		17.07		17.33	
Power Tolerance (W)	(0,+4.99)							
Maximum System Voltage (V)	1000(TUV)							
Maximum Series Fuse Ra ng (A)	15							

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
 NOCT : Irradiance 800 W/m² ambient temperature 20° C wind speed : 1m/s;
 The module efficiency is calculated by the dimension of module with 2/5mm glasses
 Power measurement tolerance : +/-3%

Temperature Characteristics

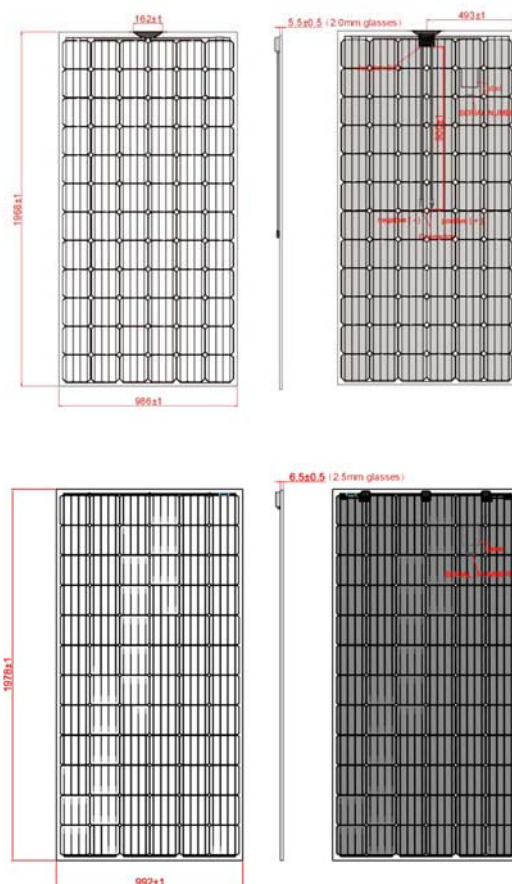
P _{max} Temperature Coefficient	-0.40%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	+0.05%/°C

Packing Configuration

	1968 x 986 x 5.5mm (2.0mm glasses)		1978 x 992 x 6.5mm (2.5mm glasses)	
Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	33	33	33	33
Pallets per Container	10	22	10	22
Pieces per Container	330	726	330	726

Mechanical Specifications

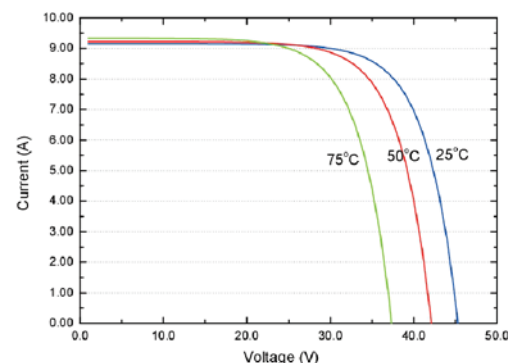
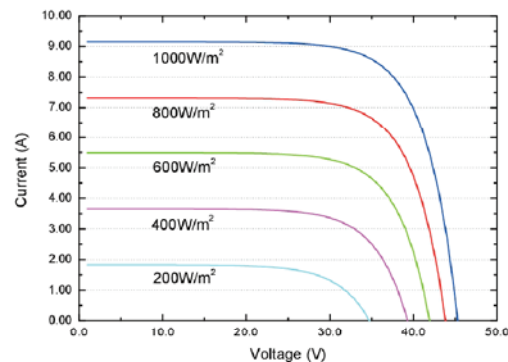
External Dimensions	1968 x 986 x 5.5 mm (2.0mm glasses)	1978 x 992 x 6.5 mm (2.5mm glasses)
Weight	23.0 kg	28.5 kg
Solar Cells	Mono crystalline 156.75 x 156.75mm (60pcs)	Mono crystalline 156.75 x 156.75mm (60pcs)
Front Glass	2.0mm AR tempered glass, low iron	2.5mm AR tempered glass, low iron
Back Glass	2.0mm tempered glass, low iron	2.5mm tempered glass, low iron
Junction on Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 355 mm(-), 255mm (+)
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	2400 Pa	2400 Pa



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
 For engineering quality drawings please contact UR ENERGY.

I-V Curve (URE-325-6MA-DG)



330-345w



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UREnergy
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Manufactured by:
SERAPHIM

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

ISO 9001 : Quality management system
ISO 14001 : Standard for environmental management system
OHSAS 18001 : International standard for occupational health and safety assessment system

WARRANTY

10 YEARS guarantee on product material
25 YEARS linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion
 (IEC61701, tested in Intertek)



Safety for ammonia corrosion
 (IEC62716, tested in TÜV SÜD)



Safety for fire risk
 (Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality



Top rank in Photon yield measurement

Electrical Characteristics (STC)

Module Type	URE-330-6MA	URE-335-6MA	URE-340-6MA	URE-345-6MA
Rated Power at STC (P _{mp}) (W)	330	335	340	345
Open Circuit Voltage-V _{oc} (V)	46.1	46.4	46.6	46.8
Short Circuit Current-I _{sc} (A)	9.14	9.23	9.32	9.43
Maximum Power Voltage (V _{mp})	37.3	37.5	37.7	37.9
Maximum Power Current (I _{mp})	8.85	8.94	9.02	9.11
Module Efficiency (nm)	17.01	17.26	17.52	17.78

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%

Electrical Characteristics (NOCT)

Module Type	URE-330-6MA	URE-335-6MA	URE-340-6MA	URE-345-6MA
Maximum Power at NOCT - (P _{mp})	245	249	252	256
Open Circuit Voltage-V _{oc} (V)	42.6	42.8	43	43.2
Short Circuit Current - I _{sc} (A)	7.45	7.53	7.59	7.68
Maximum Power Voltage (V _{mp})	35.2	35.3	35.5	35.6
Maximum Power Current (I _{mp})	6.96	7.05	7.1	7.19
Power Tolerance (W)	(0,+4.99)			
Maximum System Voltage (V)	1000(TUV)			
Maximum Series Fuse Rating (A)	20			

NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
Power measurement tolerance : +/-3%

Temperature Characteristics

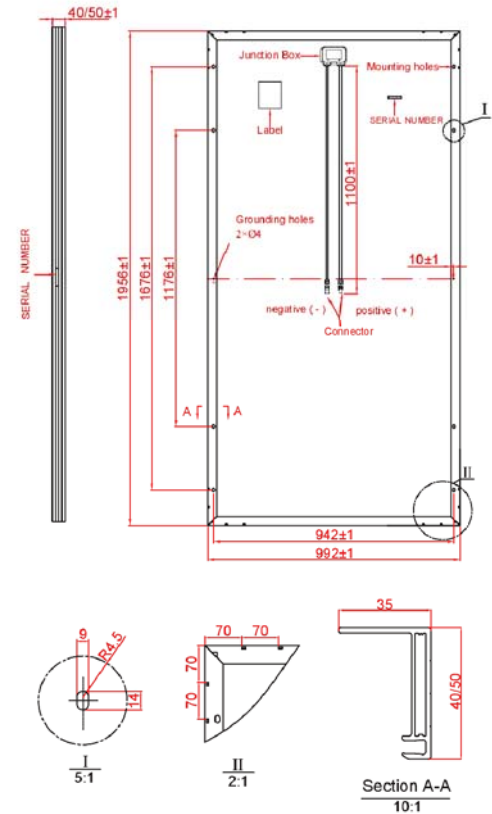
P _{max} Temperature Coefficient	-0.41%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	+0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	21	21	26	26
Pallets per Container	10	22	10	22
Pieces per Container	210	462	260	572

Mechanical Specifications

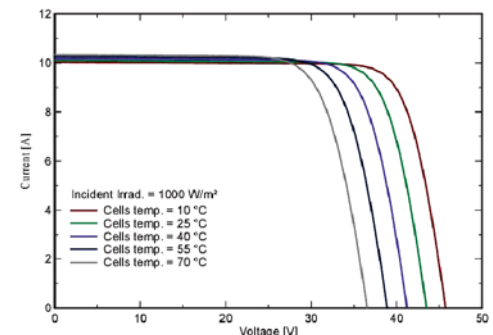
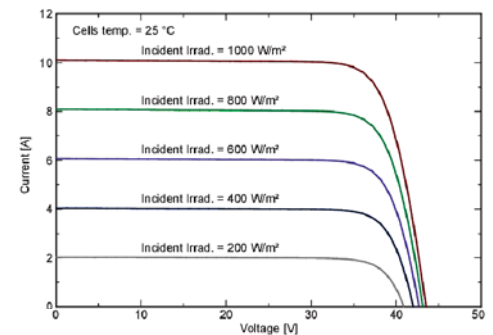
External Dimensions	1640 x 992 x 50 mm	1640 x 992 x 40 mm
Weight	24 kg	23 kg
Solar Cells	Mono crystalline 156.75 x 156.75mm (60pcs)	Mono crystalline 156.75 x 156.75mm (60pcs)
Front Glass	3.2mm tempered glass, low iron	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy	Anodized / aluminium alloy
Junction Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 900 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

I-V Curve (URE-330-6MA)



350-360w



Marketed by:
UREnergy
USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:
SERAPHIM

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY

- 10 YEARS** guarantee on product material
- 25 YEARS** linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

Safety

- 1500V** Withstand and applicable up to 1500V high system voltage
- NEW -IEC-** Tested and certified according to newest IEC standard IEC61730-1:2016 IEC61730-2:2016
- C** Class C fire safety class

Reliability

- PID FREE** PID free products, passing TÜV SÜD system voltage durability test
- 1st** World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate
- \$¥€** Bankable products

Performance

- Advanced** Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments
- 100%** 100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality
- Photon TOP** Top rank in Photon yield measurement

Electrical Characteristics (STC)

Module Type	URE-350-6MA-HV	URE-355-6MA-HV	URE-360-6MA-HV
Rated Power at STC (P _{mp}) (W)	350	355	360
Open Circuit Voltage-V _{oc} (V)	47	47.2	47.4
Short Circuit Current-I _{sc} (A)	9.51	9.61	9.70
Maximum Power Voltage (V _{mp})	38.1	38.3	38.5
Maximum Power Current (I _{mp})	9.19	9.27	9.36
Module Efficiency (nm)	17.91	18.17	18.42

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%

Electrical Characteristics (NOCT)

Module Type	URE-350-6MA-HV	URE-355-6MA-HV	URE-360-6MA-HV
Maximum Power at NOCT - (P _{mp})	260	263	267
Open Circuit Voltage-V _{oc} (V)	43.4	43.6	43.8
Short Circuit Current - I _{sc} (A)	7.68	7.75	7.84
Maximum Power Voltage (V _{mp})	35.8	35.9	36.1
Maximum Power Current (I _{mp})	7.27	7.33	7.40
Power Tolerance (W)	(0,+4.99)		
Maximum System Voltage (V)	1500(TUV)		
Maximum Series Fuse Rating (A)	20		

NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
Power measurement tolerance : +/-3%

Temperature Characteristics

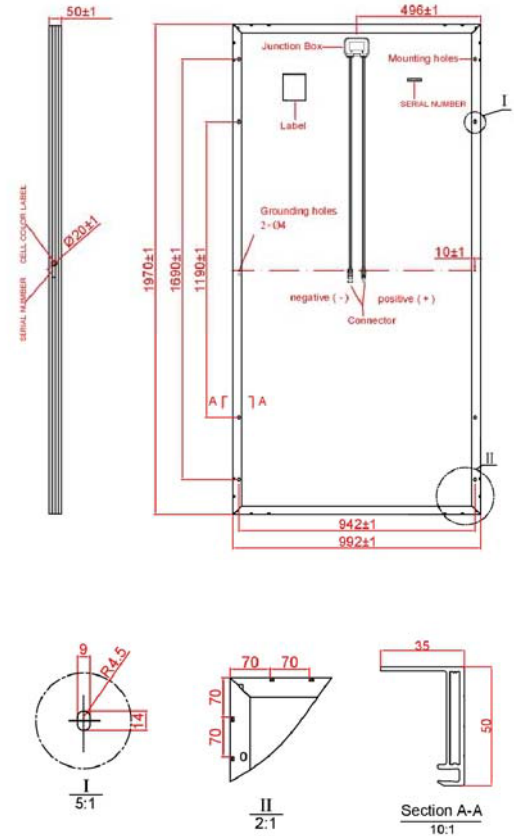
P _{max} Temperature Coefficient	-0.40%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	+0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

Container	20'GP (1970x992x50mm)	40'GP (1970x992x50mm)
Pieces per Pallet	21	21
Pallets per Container	10	22
Pieces per Container	210	462

Mechanical Specifications

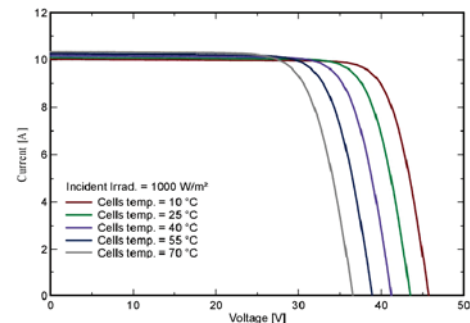
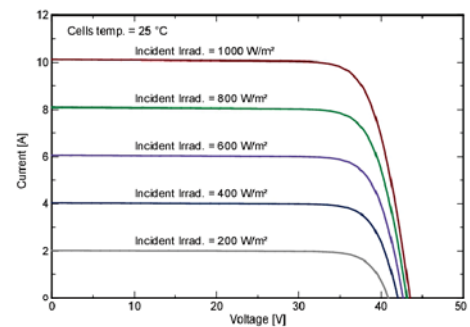
External Dimensions	1670 x 992 x 50 mm
Weight	24.0kg
Solar Cells	Mono crystalline 156.75 x 156.75mm (72pcs)
Front Glass	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy
Junction Box	IP67
Output Cables	4.0mm ² , cable length: 900 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

I-V Curve (URE-350-6MA)



350-360w



Marketed by:

UREnergy[®]

USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:

SERAPHIM[®]

Rated tire 1 company by **Bloomberg**

MANAGEMENT SYSTEM

ISO 9001 : Quality management system
ISO 14001 : Standard for environmental management system
OHSAS 18001 : International standard for occupational health and safety assessment system

WARRANTY

10 YEARS guarantee on product material
25 YEARS linear power output warranty

INSURANCE

PowerGuard
 SPECIALTY INSURANCE SERVICES

SOLAR
 INSURANCE & FINANCE

Certifications and standards:



Leading Features

Safety



Safety for salt mist corrosion
 (IEC61701, tested in TÜV SÜD)



Safety for ammonia corrosion
 (IEC62716, tested in TÜV SÜD)



Safety for fire risk
 (Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Outstanding power output capability at low irradiance



Triple 100% Electroluminescence (EL) tests minimize breakage rate



Top rank in Photon yield measurement

Electrical Characteristics (STC)

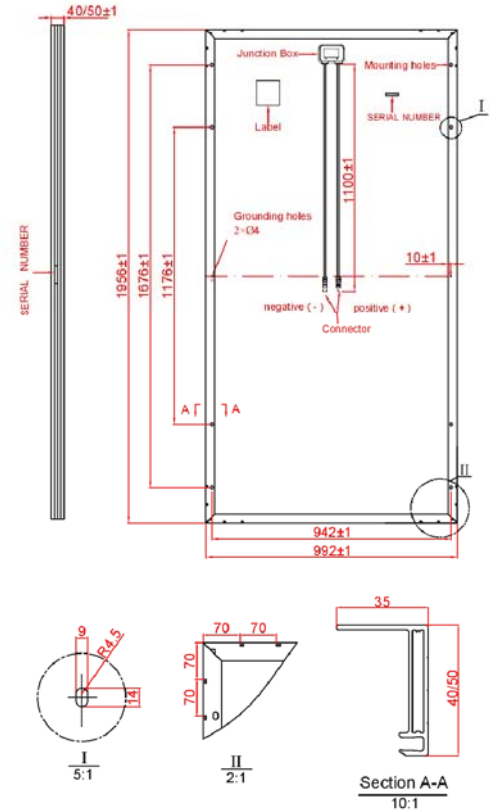
Module Type	URE-350-6MA	URE-355-6MA	URE-360-6MA
Rated Power at STC (P _{mp}) (W)	350	355	360
Open Circuit Voltage-V _{oc} (V)	47	47.2	47.4
Short Circuit Current-I _{sc} (A)	9.51	9.61	9.70
Maximum Power Voltage (V _{mp})	38.1	38.3	38.5
Maximum Power Current (I _{mp})	9.19	9.27	9.36
Module Efficiency (nm)	18.04	18.3	18.55

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
Power measurement tolerance : +/-3%

Electrical Characteristics (NOCT)

Module Type	URE-350-6MA	URE-355-6MA	URE-360-6MA
Maximum Power at NOCT - (P _{mp})	260	263	267
Open Circuit Voltage-V _{oc} (V)	43.4	43.6	43.8
Short Circuit Current - I _{sc} (A)	7.68	7.75	7.84
Maximum Power Voltage (V _{mp})	35.8	35.9	36.1
Maximum Power Current (I _{mp})	7.27	7.33	7.40
Power Tolerance (W)	(0,+4.99)		
Maximum System Voltage (V)	1000(TUV)		
Maximum Series Fuse Rating (A)	20		

NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
Power measurement tolerance : +/-3%



* All Dimensions in mm

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact UR ENERGY.

Temperature Characteristics

P _{max} Temperature Coefficient	-0.40%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} Temperature Coefficient	+0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

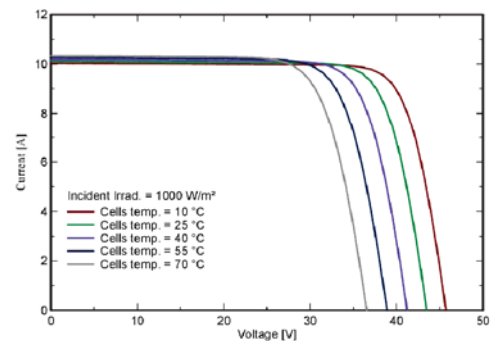
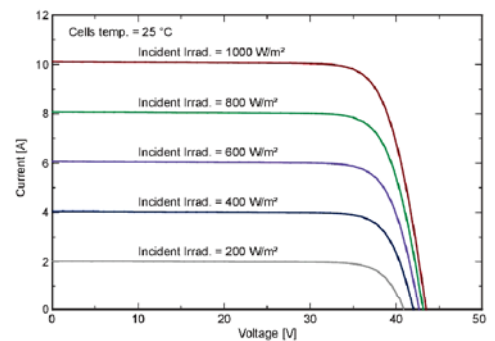
Packing Configuration

Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	21	21	26	26
Pallets per Container	10	22	10	22
Pieces per Container	210	462	260	572

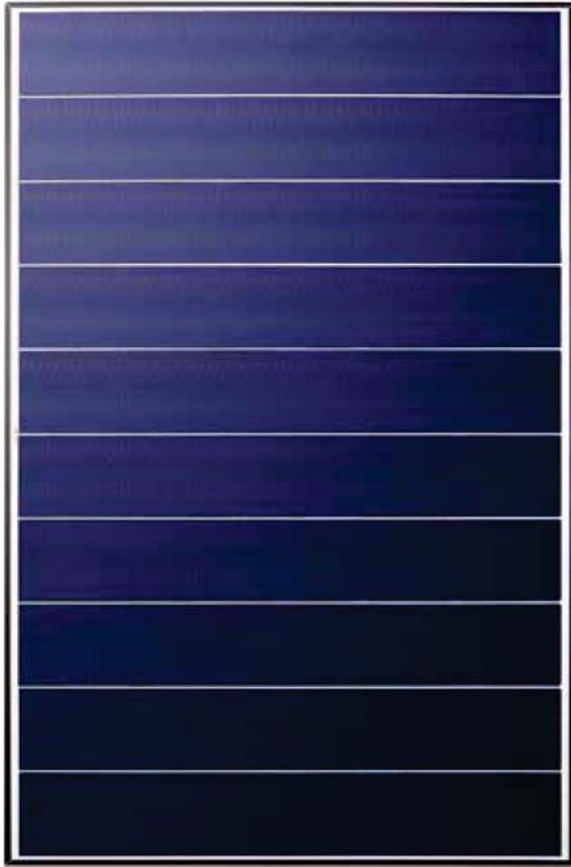
Mechanical Specifications

External Dimensions	1656 x 992 x 50 mm	1656 x 992 x 40 mm
Weight	24 kg	23 kg
Solar Cells	Mono crystalline 156.75 x 156.75mm (72pcs)	Mono crystalline 156.75 x 156.75mm (72pcs)
Front Glass	3.2mm tempered glass, low iron	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy	Anodized / aluminium alloy
Junction Box	IP67	IP67
Output Cables	4.0mm ² , cable length: 900 mm	4.0mm ² , cable length: 900 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa

I-V Curve (URE-350-6MA)



290-300W Eclipse Module



Marketed by:



USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:



Rated re 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY



guarantee on product material



linear power output warranty

INSURANCE



SPECIALTY INSURANCE SERVICES



UNDERWRITERS & FINANCIAL



Certifications and standards:



Leading Features

As a perfect solar module, our Eclipse solar module meets all of your needs. Innovative module technology utilizes traditional solar cells, increases efficiency, improves reliability and aesthetics and reduces BOS cost.



Generate 15% More Power and Get More Life time Project Returns



Enhanced Reliability and Durability



Reduce System BOS and Installation by up to 10%



Dramatically Reduced Hot Spot Effect

More Benefits

- Better performance when there is external shading
- Fascinating Visual Journey
- 5400 Pa Mechanical Load

290-300W

Electrical Characteristics (NOCT)

Module Type	URE-290-E11B		URE-295-E11B		URE-300-E11B	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power at NOCT - (Pmp)	290	215	295	219	300	222
Open Circuit Voltage-V _{oc} (V)	43.5	40.1	43.7	40.25	43.95	40.48
Short Circuit Current - I _{sc} (A)	8.47	6.86	8.57	6.96	8.67	7.02
Maximum Power Voltage (Vmp)	35.35	33.18	35.55	33.35	35.75	33.51
Maximum Power Current (Imp)	8.21	6.48	8.30	6.57	8.40	6.63
Module Efficiency at STC (nm)	17.05		17.34		17.64	
Power Tolerance	(0,+4.99)					
Maximum System Voltage	1000(TUV), 1000 (UL)					
Maximum Series Fuse Ra ng (A)	20A					

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
 NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
 Power measurement tolerance : +/-3%

Temperature Characteristics

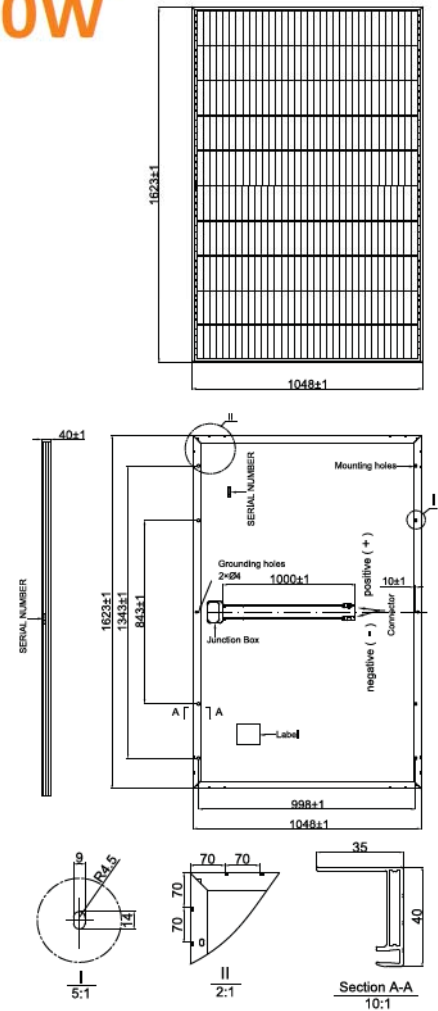
Pmax Temperature Coefficient	-0.41%/°C
Voc Temperature Coefficient	-0.32%/°C
Isc Temperature Coefficient	-0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

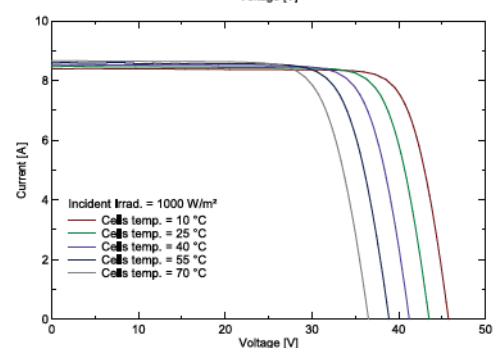
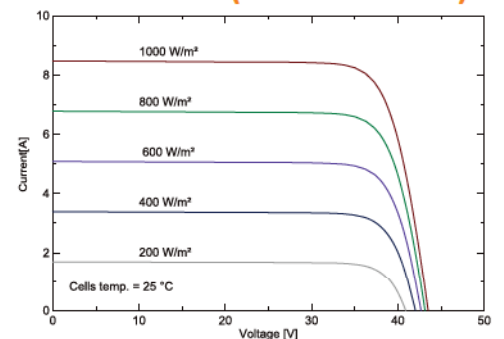
Container	20'GP	40'GP
Pieces per Pallet	20 per upper pallet; 20 per lower pallet;	26
Pallets per Container	12	28
Pieces per Container	276	728

Mechanical Specifications

External Dimensions	1623 x 1048 x 40 mm
Weight	19.0kg
Solar Cells	Polycrystalline
Front Glass	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy
Junction Box	IP67
Output Cables	4.0mm ² , cable length: 1000 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa



I-V Curve (URE-290-E11B)



315-325W Eclipse Module



Marketed by:



USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

Manufactured by:



Rated re 1 company by **Bloomberg**

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

WARRANTY



guarantee on product material



linear power output warranty

INSURANCE



Certifications and standards:



Leading Features

As a perfect solar module, our Eclipse solar module meets all of your needs. Innovative module technology utilizes traditional solar cells, increases efficiency, improves reliability and aesthetics and reduces BOS cost.



Generate 15% More Power and Get More Life time Project Returns



Enhanced Reliability and Durability



Reduce System BOS and Installation by up to 10%



Dramatically Reduced Hot Spot Effect

More Benefits

- Better performance when there is external shading
- Fascinating Visual Journey
- 5400 Pa Mechanical Load

315-325W

Electrical Characteristics (NOCT)

Module Type	URE-315-E01B		URE-320-E01B		URE-325-E01B	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power at NOCT - (Pmp)	315	233	320	237	325	241
Open Circuit Voltage-V _{oc} (V)	44.6	41.17	44.85	41.4	45.1	41.63
Short Circuit Current - I _{sc} (A)	9.02	7.24	9.11	7.32	9.21	7.41
Maximum Power Voltage (Vmp)	36.2	33.93	36.4	34.14	36.6	34.29
Maximum Power Current (Imp)	8.71	6.87	8.80	6.94	8.88	7.03
Module Efficiency at STC (nm)	17.05		17.34		17.64	
Power Tolerance	(0,+4.99)					
Maximum System Voltage	1000(TUV), 1000 (UL)					
Maximum Series Fuse Ra ng (A)	20A					

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
 NOCT: Irradiance 800 W/m² ambient temperature 20°C speed:m/s
 Power measurement tolerance : +/-3%

Temperature Characteristics

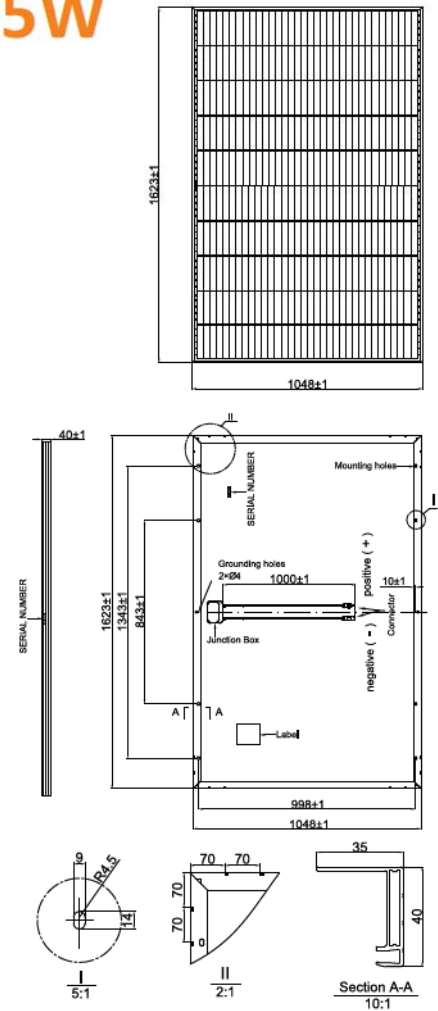
Pmax Temperature Coefficient	-0.41%/°C
Voc Temperature Coefficient	-0.32%/°C
Isc Temperature Coefficient	-0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packing Configuration

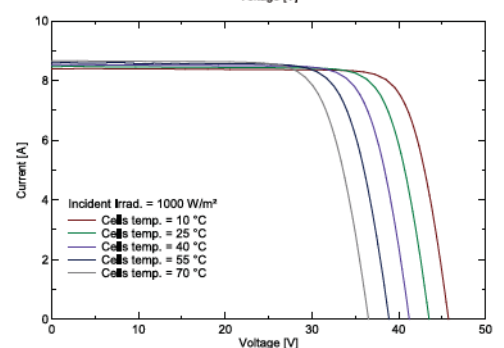
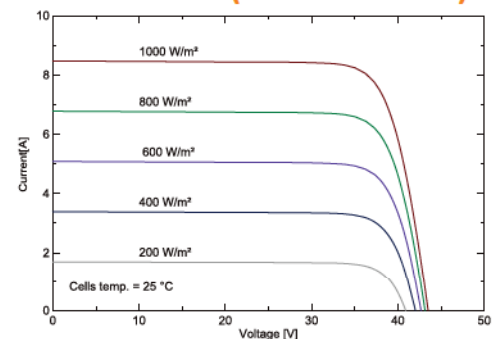
Container	20'GP	40'GP
Pieces per Pallet	20 per upper pallet; 20 per lower pallet;	26
Pallets per Container	12	28
Pieces per Container	276	728

Mechanical Specifications

External Dimensions	1623 x 1048 x 40 mm
Weight	19kg
Solar Cells	Polycrystalline
Front Glass	3.2mm tempered glass, low iron
Frame	Anodized / aluminium alloy
Junction Box	IP67
Output Cables	4.0mm ² , cable length: 1000 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa



I-V Curve (URE-290-E11B)





USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA



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