

# URE-6MA SERIES 6 INCH 72 CELLS

## 350-360w



Marketed by:



Manufactured by:



Rated tier 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 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

# URE-6MA SERIES 6 INCH 72 CELLS

## Electrical Characteristics (STC)

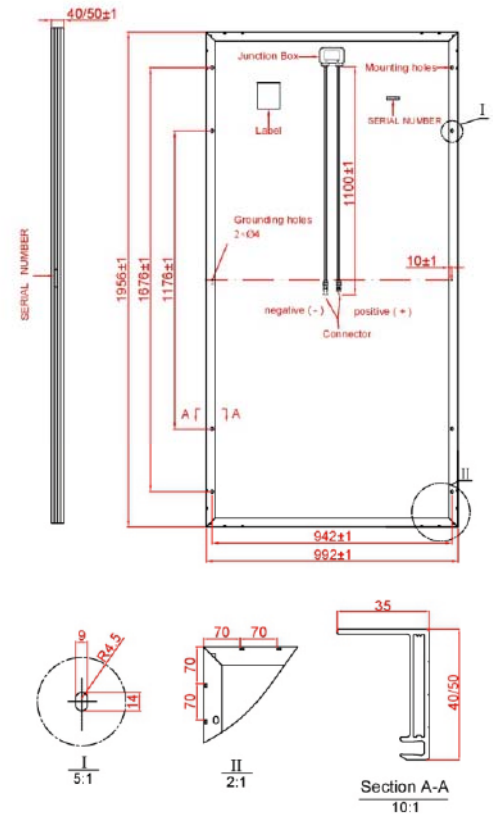
Module Type	URE-350-6MA	URE-355-6MA	URE-360-6MA
Rated Power at STC (Pmp) (W)	350	355	360
Open Circuit Voltage-V <sub>oc</sub> (V)	47	47.2	47.4
Short Circuit Current-I <sub>sc</sub> (A)	9.51	9.61	9.70
Maximum Power Voltage (Vmp)	38.1	38.3	38.5
Maximum Power Current (Imp)	9.19	9.27	9.36
Module Efficiency (nm)	18.04	18.3	18.55

STC: Irradiance 1000 W/m<sup>2</sup> 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 - (Pmp)	260	263	267
Open Circuit Voltage-V <sub>oc</sub> (V)	43.4	43.6	43.8
Short Circuit Current - I <sub>sc</sub> (A)	7.68	7.75	7.84
Maximum Power Voltage (Vmp)	35.8	35.9	36.1
Maximum Power Current (Imp)	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/m<sup>2</sup> 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

Pmax Temperature Coefficient	-0.40%/°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	20'GP	40'GP
Piecesper Pallet	21	21	26	26
Palletsper Container	10	22	10	22
Piecesper 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 <sup>2</sup> , cable length: 900 mm	4.0mm <sup>2</sup> , cable length: 900 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa

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

