

For a Free Quote:

Web: EnergyPal.com/solar

Call: 1-800-990-3725

Email: contact@energypal.com

EnergyPal

Solar Panel Guide Specification Data Sheet

U R Energy India Pvt. Ltd.

URE300-325-72M

URE300-72M

Also available on the web at
EnergyPal.com/u-r-energy-india-pvt-ltd-solar-panels/ure300-72m

UREXXX-36M (MONO)

XXX=120W/100W/80W/60W/40W



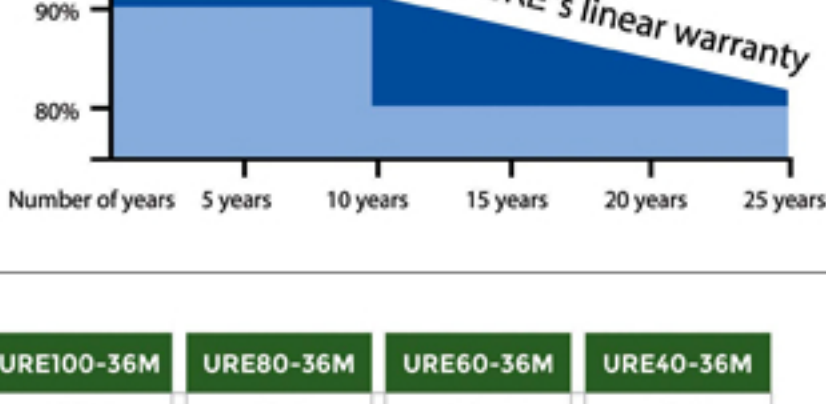
- Industry leading module power output warranty
- International quality, safety and performance certifications ISO 9001, ISO 14001, OHSAS 18001 certified company
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

- Warranties**
- 10 years for product defects in materials & workmanship
 - 10 years for 90% of warranted minimum power output
 - 25 years for 80% of warranted minimum power output
 - 25 years linear warranty

Certifications and standards:

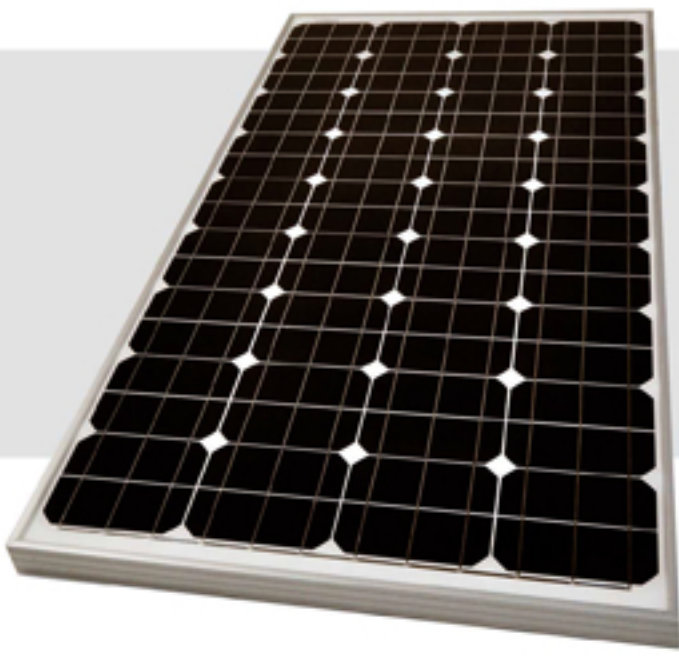


URE's NEW linear performance warranty



| Model type | URE120-36M | URE100-36M | URE80-36M | URE60-36M | URE40-36M |
|-----------------------------------|-------------|-------------|------------|------------|------------|
| Peak power(Pmax) | 120W | 100W | 80W | 60W | 40W |
| Weight | 10kg | 8.45kg | 7.02kg | 5.52kg | 4.09kg |
| Dimensions(mm) | 1280×670×35 | 1070×670×35 | 875×670×35 | 675×670×30 | 480×670×30 |
| Maximum power voltage(Vmp) | 17.5V | 17.5V | 17.5V | 17.5V | 17.5V |
| Maximum power current(Imp) | 6.86A | 5.72A | 4.58A | 3.43A | 2.29A |
| Open circuit voltage(Voc) | 21.6V | 21.6V | 21.6V | 21.6V | 21.6V |
| Short circuit Current(Isc) | 7.75A | 6.46A | 5.17A | 3.87A | 2.59A |
| Maximum system voltage | DC 1000V | | | | |
| Temp. Coeff.of Isc (TK Isc) | 0.045%/°C | | | | |
| Temp. Coeff.of Voc (TK Voc) | -0.34%/°C | | | | |
| Temp. Coeff. Of Pmax (TK Pmax) | -0.47%/°C | | | | |
| Normal Operating Cell Temperature | 45±2°C | | | | |
| Tolerance | ±3% | | | | |

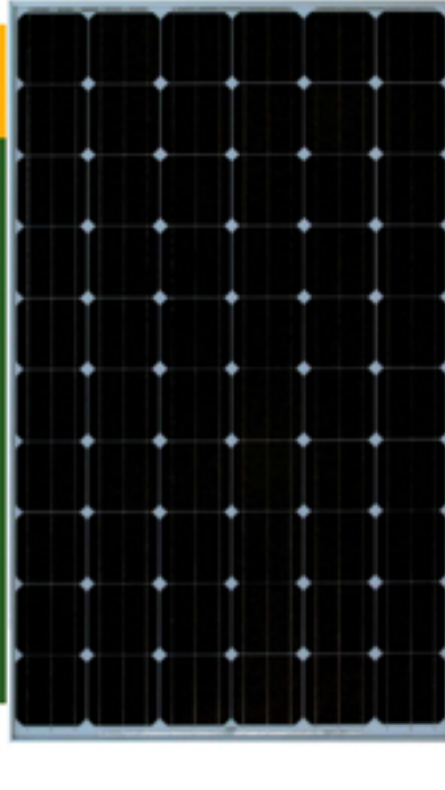
STC Irradiance 1000W/m², Temperature 25°C, AM=1.5



*With Technical Expertise and State of the art manufacturing facilities, In case of Bulk requirement, U R Energy can Provide customized products as per specific requirements.

UREXXX-60M

XXX=270W/265W/260W/250W

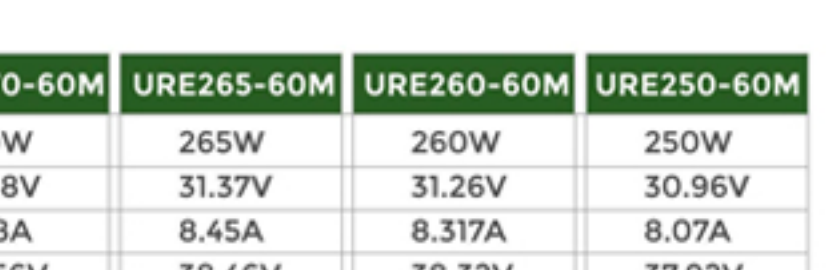


- Industry leading module power output warranty
- International quality, safety and performance certifications ISO 9001, ISO 14001, OHSAS 18001 certified company
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

- Warranties**
- 10 years for product defects in materials & workmanship
 - 10 years for 90% of warranted minimum power output
 - 25 years for 80% of warranted minimum power output
 - 25 years linear warranty

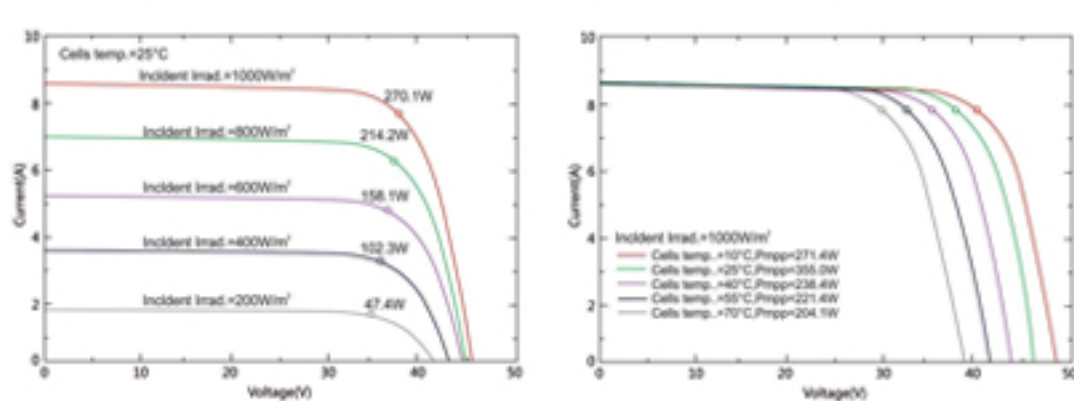
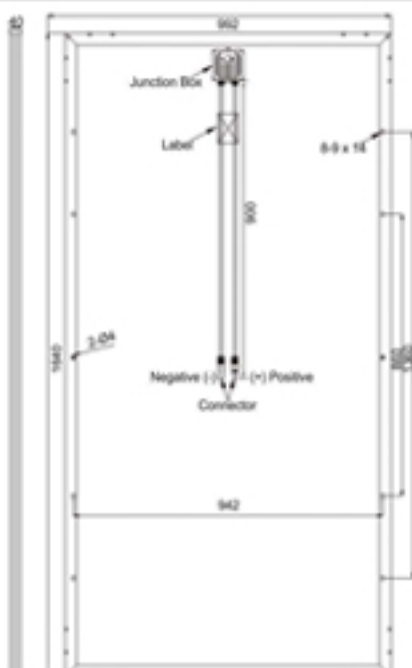


URE's NEW linear performance warranty



| Model type | URE270-60M | URE265-60M | URE260-60M | URE250-60M |
|-----------------------------------|---|------------|------------|------------|
| Peak power(Pmax) | 270W | 265W | 260W | 250W |
| Maximum power voltage(Vmp) | 31.48V | 31.37V | 31.26V | 30.96V |
| Maximum power current(Imp) | 8.58A | 8.45A | 8.317A | 8.07A |
| Open circuit voltage(Voc) | 38.56V | 38.46V | 38.32V | 37.92V |
| Short circuit Current(Isc) | 9.27A | 9.13A | 8.9A | 8.62A |
| Cell efficiency | 19.40% | 19.04% | 18.68% | 17.96% |
| Module efficiency | 16.60% | 16.29% | 15.98% | 15.37% |
| Maximum series Fuse Rating | 15A | | | |
| Maximum system voltage | DC 1000V | | | |
| Temp. Coeff.of Isc (TK Isc) | 0.037%/°C | | | |
| Temp. Coeff.of Voc (TK Voc) | -0.34%/°C | | | |
| Temp. Coeff. Of Pmax (TK Pmax) | -0.48%/°C | | | |
| Operating Temperature | (- 40 ~ + 85%)°C | | | |
| Normal Operating Cell Temperature | 45±2°C | | | |
| Positive Tolerance | 0 ~ +3% | | | |
| Cell type | Mono Crystalline silicon,156mmx156mm | | | |
| Number of the cells | 60 cells in series | | | |
| Weight | 18.00Kg | | | |
| Dimensions | 1640×992×40/35mm(64.56×39.06×1.58/1.4inch) | | | |
| Front Glass | 3.2 mm tempered glass | | | |
| Output Cables | 4 mm ² , symmetrical lengths, 900 mm | | | |
| Connectors | MC4 compatible IP67 | | | |

| Packing Configuration | 20' GP | 40' GP | 40' HQ |
|-----------------------|--------|--------|--------|
| Container | 20' GP | 40' GP | 40' HQ |
| Pieces per pallet | 46 | 46 | 56 |
| Pallets per container | 6 | 14 | 14 |
| Pieces per container | 279 | 644 | 784 |



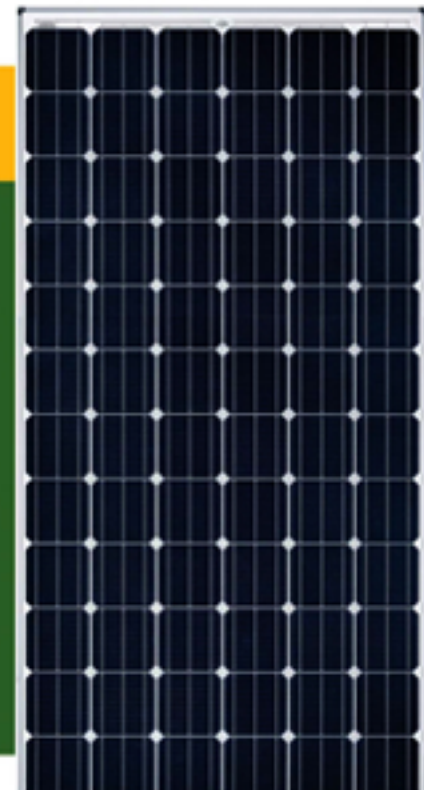
| Test Certifications and Warranties | Standard Tests : | IEC 61215, IEC 61730 |
|---------------------------------------|--|----------------------|
| System Certificates : | ISO 9001, ISO 14001 | |
| Certifications : | TUV, CEC, CHUBB, CE | |
| Extreme wind and Snow loads Testing : | Withstand extreme wind(2400 Pascal) and snow loads(5400 Pascal) | |
| Junction Box : | > Ip65 | |
| Warranties : | 10 years material and workmanship warranty, First 10 years 90% of warranted minimum power output and next 15 year 80% of warranted minimum power output. | |

STC Irradiance 1000W/m², Temperature 25°C, AM=1.5

*With Technical Expertise and State of the art manufacturing facilities, In case of Bulk requirement, U R Energy can Provide customized products as per specific requirements.

UREXXX-72M

XXX=325W/320W/310W/300W



- Industry leading module power output warranty
- International quality, safety and performance certifications ISO 9001, ISO 14001, OHSAS 18001 certified company
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

- Warranties**
- 10 years for product defects in materials & workmanship
 - 10 years for 90% of warranted minimum power output
 - 25 years for 80% of warranted minimum power output
 - 25 years linear warranty

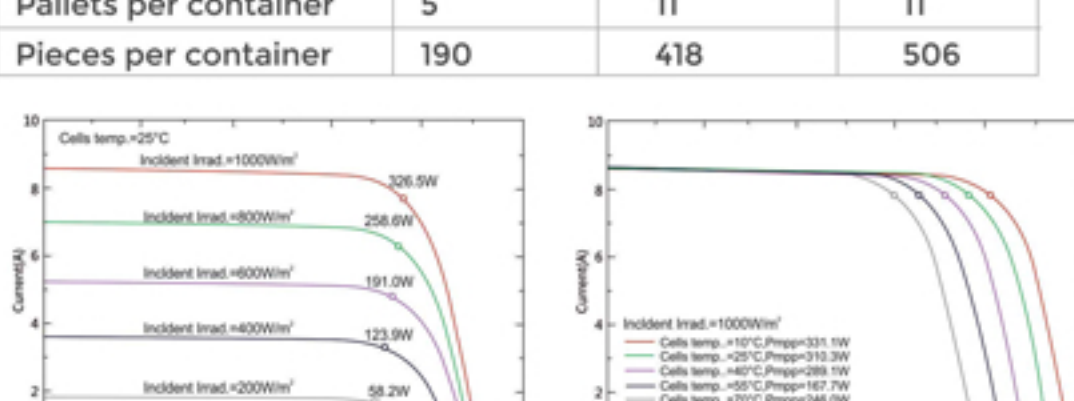
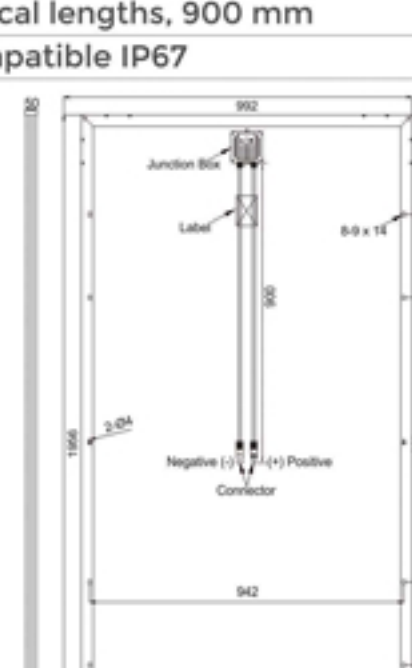


URE's NEW linear performance warranty



| Model type | URE325-72M | URE320-72M | URE310-72M | URE300-72M |
|-----------------------------------|---|------------|------------|------------|
| Peak power(Pmax) | 325W | 320W | 310W | 300W |
| Maximum power voltage(Vmp) | 37.64V | 37.6V | 37.52V | 37.13V |
| Maximum power current(Imp) | 8.63A | 8.51A | 8.27A | 8.08A |
| Open circuit voltage(Voc) | 46.67V | 46.62V | 46.46V | 46.11V |
| Short circuit Current(Isc) | 9.07A | 8.94A | 8.7A | 8.64A |
| Cell efficiency | 19.27% | 18.97% | 18.40% | 17.78% |
| Module efficiency | 16.75% | 16.50% | 16.00% | 15.46% |
| Maximum series Fuse Rating | 15A | | | |
| Maximum system voltage | DC 1000V | | | |
| Temp. Coeff.of Isc (TK Isc) | 0.037%/°C | | | |
| Temp. Coeff.of Voc (TK Voc) | -0.34%/°C | | | |
| Temp. Coeff. Of Pmax (TK Pmax) | -0.48%/°C | | | |
| Operating Temperature | (- 40 ~ + 85%)°C | | | |
| Normal Operating Cell Temperature | 45±2°C | | | |
| Positive Tolerance | 0 ~ +3% | | | |
| Cell type | Mono Crystalline silicon,156mmx156mm | | | |
| Number of the cells | 72 cells in series | | | |
| Weight | 23Kg | | | |
| Dimensions | 1956×992×50mm(77.01×39.06×1.97inch) | | | |
| Front Glass | 3.2 mm tempered glass | | | |
| Output Cables | 4 mm ² , symmetrical lengths, 900 mm | | | |
| Connectors | MC4 compatible IP67 | | | |

| Packing Configuration | 20' GP | 40' GP | 40' HQ |
|-----------------------|--------|--------|--------|
| Container | 20' GP | 40' GP | 40' HQ |
| Pieces per pallet | 38 | 38 | 46 |
| Pallets per container | 5 | 11 | 11 |
| Pieces per container | 190 | 418 | 506 |



| Test Certifications and Warranties | Standard Tests : | IEC 61215, IEC 61730 |
|---------------------------------------|--|----------------------|
| System Certificates : | ISO 9001, ISO 14001 | |
| Certifications : | TUV, CEC, CHUBB, CE | |
| Extreme wind and Snow loads Testing : | Withstand extreme wind(2400 Pascal) and snow loads(5400 Pascal) | |
| Junction Box : | > Ip65 | |
| Warranties : | 10 years material and workmanship warranty, First 10 years 90% of warranted minimum power output and next 15 year 80% of warranted minimum power output. | |

STC Irradiance 1000W/m², Temperature 25°C, AM=1.5

*With Technical Expertise and State of the art manufacturing facilities, In case of Bulk requirement, U R Energy can Provide customized products as per specific requirements.