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Solar Panel Guide Specification Data Sheet

U R Energy India Pvt. Ltd.

URE245-260-60P

URE245-60P

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UREXXX-36P (POLY)

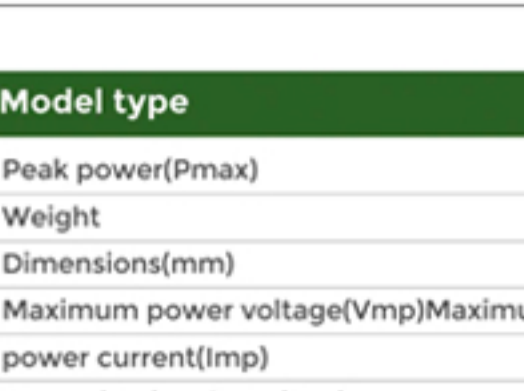
XXX=110W/80W/60W/40W



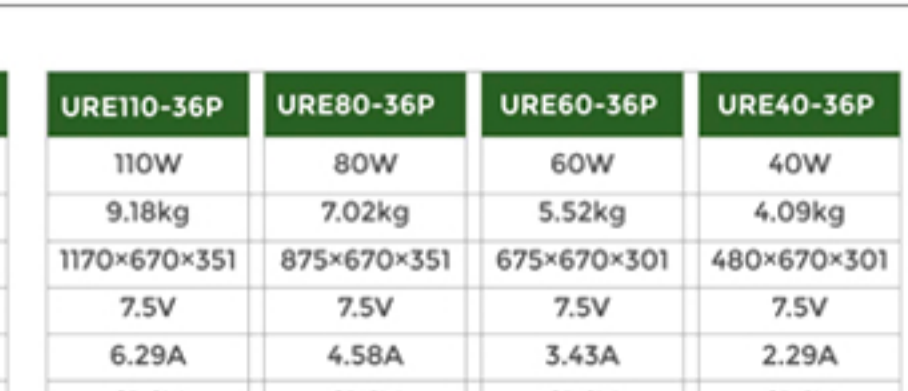
- Industry leading module power output warranty
- International quality, safety and performance certifications ISO 9001, ISO 14001, OHSAS 18001 certified company
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

- 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

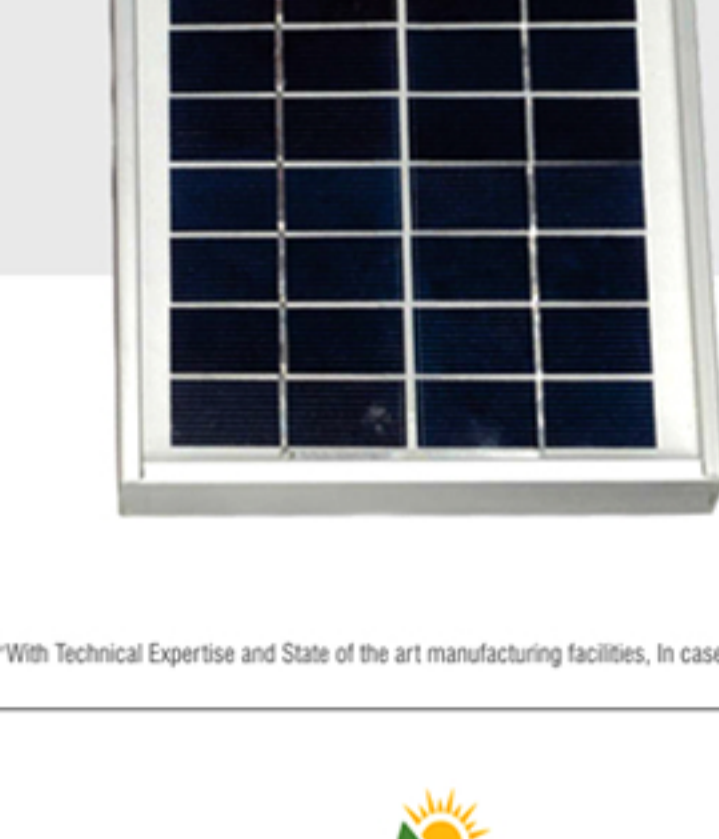
Certifications and standards:



URE's NEW linear performance warranty



Model type	URE110-36P	URE80-36P	URE60-36P	URE40-36P
Peak power(Pmax)	110W	80W	60W	40W
Weight	9.18kg	7.02kg	5.52kg	4.09kg
Dimensions(mm)	1170×670×35l	875×670×35l	675×670×30l	480×670×30l
Maximum power voltage(Vmp)Maximum power current(Imp)	7.5V 6.29A	7.5V 4.58A	7.5V 3.43A	7.5V 2.29A
Open circuit voltage(Voc)	21.6V	21.6V	21.9V	21.6V
Short circuit Current(Isc)	7.10A	5.17A	3.87A	2.59A
Cell efficiency	16.50%	16.50%	16.50%	16.50%
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) Normal	-0.47%/°C			
Operating Cell Temperature	45±2°c			
Tolerance	±3%			



*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.



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UREXXX-36P

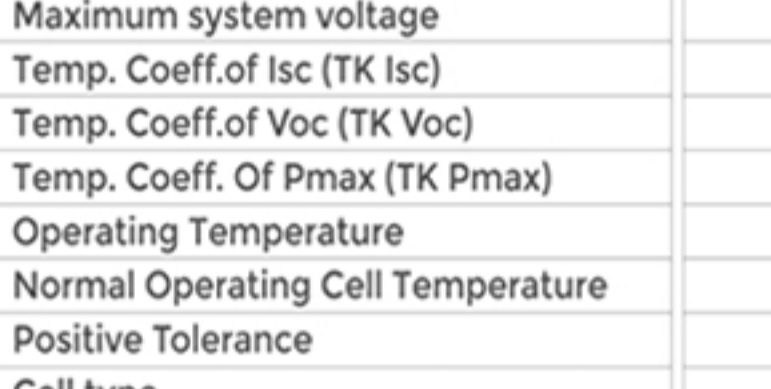
XXX=155W/150W/145W/140W



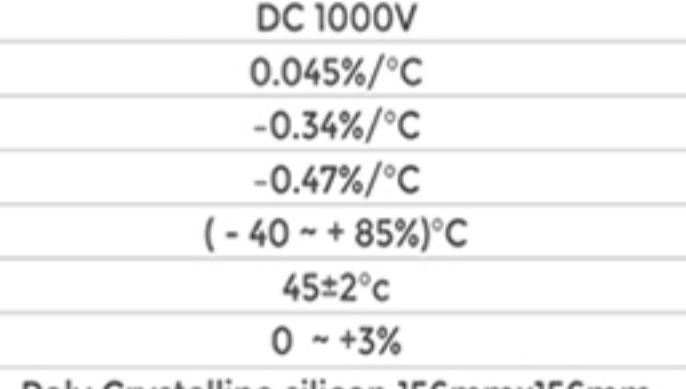
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Certifications and standards:

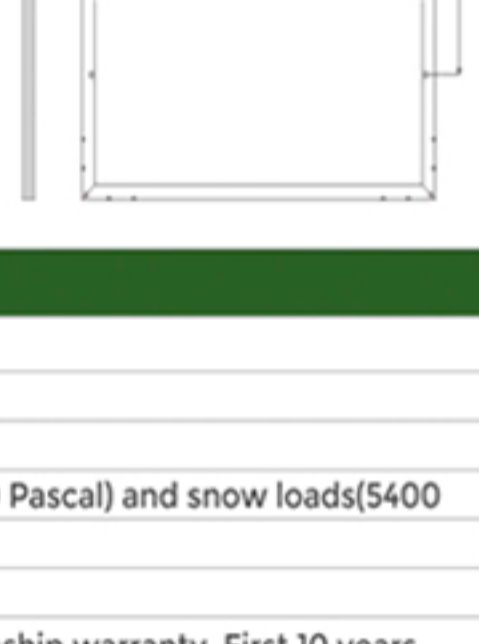
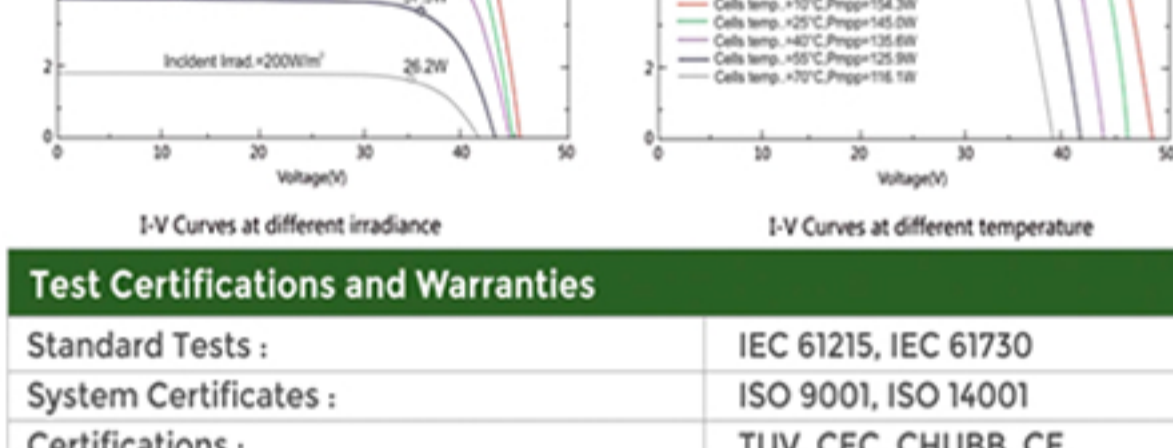


URE's NEW linear performance warranty



Model type	URE155-36P	URE150-36P	URE145-36P	URE140-36P
Peak power(Pmax)	155W	150W	145W	140W
Maximum power voltage(Vmp)	18.42V	18.23V	17.80V	17.60V
Maximum power current(Imp)	8.41A	8.22A	8.15A	7.95A
Open circuit voltage(Voc)	22.1V	21.87V	21.96V	21.96V
Short circuit Current(Isc)	9.5A	9.28A	8.50A	8.41A
Cell efficiency	18.22%	17.64%	17.05%	16.46%
Module efficiency	15.38%	14.88%	14.39%	13.89%
Maximum series Fuse Rating	15A			
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			
Operating Temperature	(-40 ~ +85°)°C			
Normal Operating Cell Temperature	45±2°c			
Positive Tolerance	0 ~ +3%			
Cell type	Poly Crystalline silicon, 156mmx156mm			
Number of the cells	36 cells in series			
Weight	12.00Kg			
Dimensions	1482×680×35mm(58.35×39.06×1.38inch)			
Front Glass	3.2 mm tempered glass			
Output Cables	4 mm², 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	64	64	80
Pallets per container	7	15	15
Pieces per container	448	960	1200



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
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UREXXX-60P

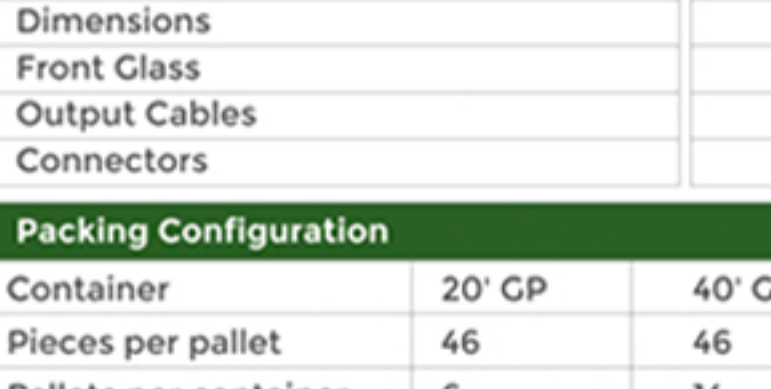
XXX=260W/255W/250W/245W



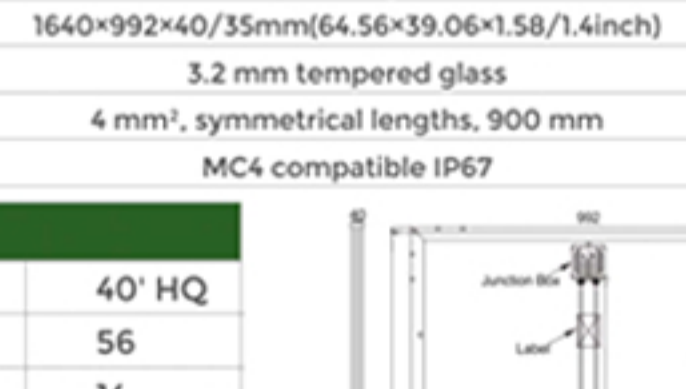
- Industry leading module power output warranty
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- Warranties**
- 10 years for product defects in materials & workmanship
 - 10 years for 90% of warranted minimum power output
 - 25 years for 80% of warranted minimum power output
 - 25 years linear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

Certifications and standards:



URE's NEW linear performance warranty



Model type	URE260-60P	URE255-60P	URE250-60P	URE245-60P
Peak power(Pmax)	260W	255W	250W	245W
Maximum power voltage(Vmp)	30.43V	30.41V	30.39V	30.25V
Maximum power current(Imp)	8.54A	8.28A	8.23A	8.10A
Open circuit voltage(Voc)	37.12V	37.1V	36.97V	36.8V
Short circuit Current(Isc)	9.65A	9.34A	9.29A	9.15A
Cell efficiency	18.34%	17.98%	17.60%	17.20%
Module efficiency	15.98%	15.67%	15.37%	15.06%
Maximum series Fuse Rating	15A			
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			
Operating Temperature	(-40 ~ +85°)°C			
Normal Operating Cell Temperature	45±2°c			
Positive Tolerance	0 ~ +3%			
Cell type	Poly 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 mm², symmetrical lengths, 900 mm			
Connectors	MC4 compatible IP67			

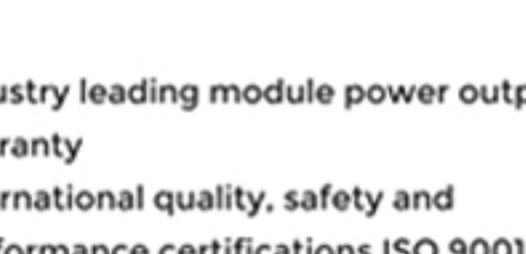
Packing Configuration	20' GP	40' GP	40' HQ
Container	20' GP	40' GP	40' HQ
Pieces per pallet	46	46	56
Pallets per container	6	14	14
Pieces per container	276	644	784



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.

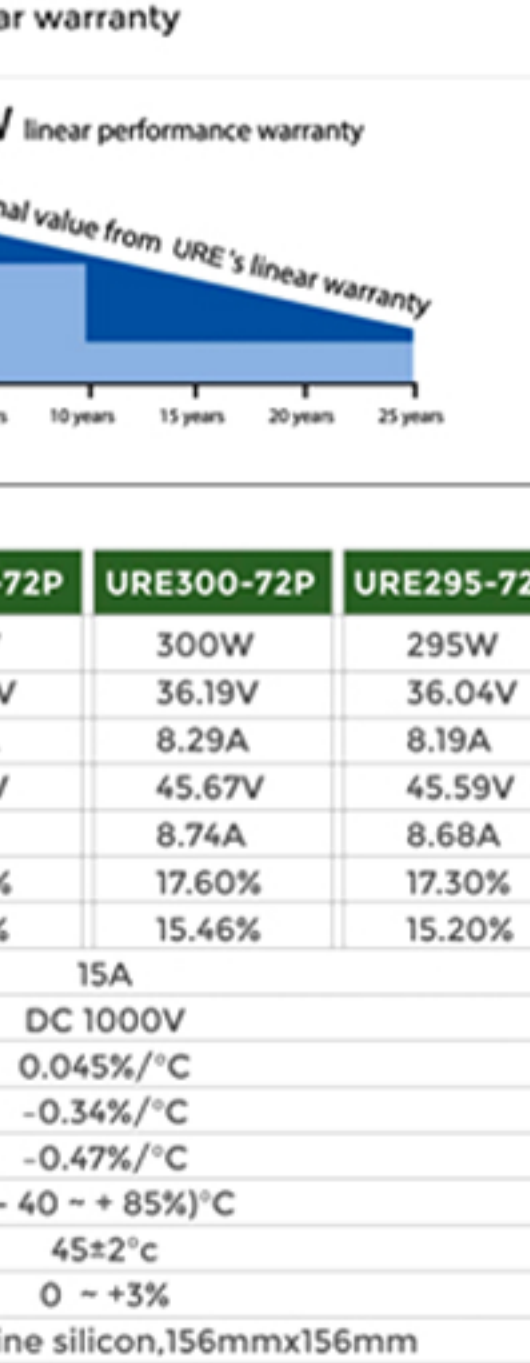
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UREXXX-72P

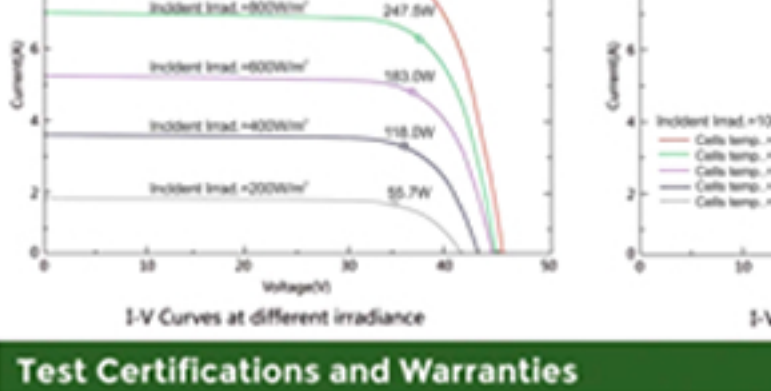
XXX=310W/305W/300W/295W



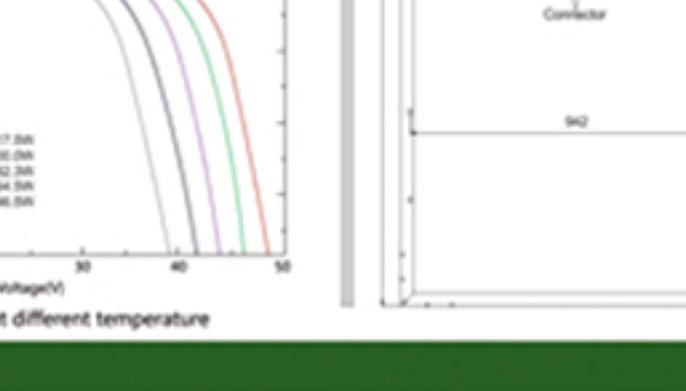
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- Warranties**
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 - 25 years for 80% of warranted minimum power output
 - 25 years linear warranty

Certifications and standards:



URE's NEW linear performance warranty



Model type	URE310-72P	URE305-72P	URE300-72P	URE295-72P
Peak power(Pmax)	310W	305W	300W	295W
Maximum power voltage(Vmp)	36.49V	36.36V	36.19V	36.04V
Maximum power current(Imp)	8.49A	8.39A	8.29A	8.19A
Open circuit voltage(Voc)	45.98V	45.81V	45.67V	45.59V
Short circuit Current(Isc)	8.92A	8.81A	8.74A	8.68A
Cell efficiency	18.20%	17.90%	17.60%	17.30%
Module efficiency	15.97%	15.72%	15.46%	15.20%
Maximum series Fuse Rating	15A			
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			
Operating Temperature	(-40 ~ +85°)°C			
Normal Operating Cell Temperature	45±2°c			
Positive Tolerance	0 ~ +3%			
Cell type	Poly 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 mm², 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.

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