



235 - 255 Watt

MONOCRYSTALLINE SOLAR

Features

- UP TO 16.9%** High Module Conversion Efficiency
Up to 16.9%, through superior cell technology and leading manufacturing capability
- 0/+5%** Positive Tolerance
Guaranteed positive tolerance 0/+5% ensures reliable power output
- 2400Pa 5400Pa** Intensive Wind and Snow Load Tests
Entire module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal)
- Self-clean** Self Clean Effect
Anti-reflective, hydrophobic layer improves light absorption and reduces surface dust
- Weak light** Excellent Weak Light Performance
Excellent performance under low light environments to capture early morning and late evening sunlight
- ISO 14001 9001** World Class Manufacturing Facilities
Our manufacturing facilities are ISO certified for Quality assurance and delivers world class products
- Insured by CHUBB Insurance Policy**

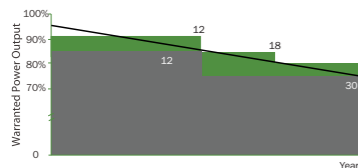
Certifications and standards:



Trust URE M6-60 Series for Reliable Performance Over Time

- World's trusted manufacturer of crystalline silicon photovoltaic modules
- Un-rivaled manufacturing capacity and world-class technology
- Rigorous quality control meeting the highest international standards
- Tested for harsh environment

Industry Leading



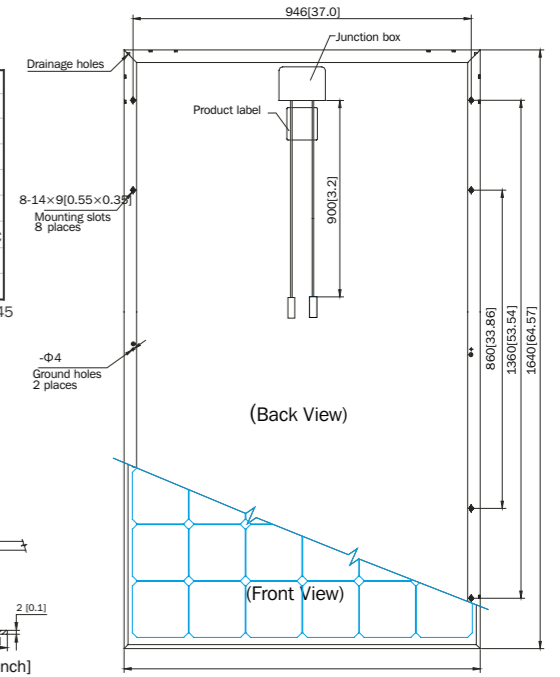
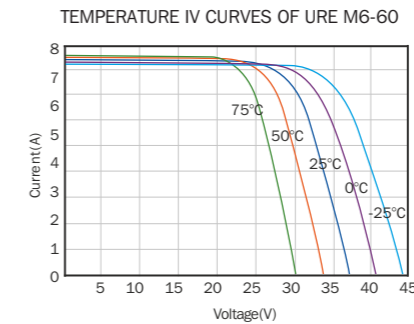
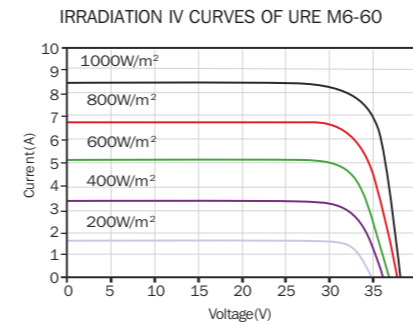
- 30-year linear power output warranty: 12 years/91.2%, 30 years/80.6%
- Warrants 6.7% more power than the market standard over 25 years
- 12-year product workmanship Warranty
- Based on nominal power (P_{nom})



Superior Frame Design
Specially designed drainage holes and rigid construction prevent frames from deforming. Screw less frame design for a long term durability.



Most Modern IP65 Rated Junction Box
IP65 rated Supports any orientation installation. High performance low resistance connectors ensure maximum module power output for highest energy production.



TEMPERATURE RATINGS		
Pmax Temperature Coefficient	%/°C	-0.45
Voc Temperature Coefficient	%/°C	-0.35
Isc Temperature Coefficient	%/°C	+0.04
Operating Temperature	°C	-40~+85
Nominal Operating Cell Temperature (NOCT)	°C	45 ±2

ELECTRICAL CHARACTERISTICS						
Module Type	Unit	URE M6-255/60	URE M6-250/60	URE M6-245/60	URE M6-240/60	URE M6-235/60
Rated Power at STC (Pmp)	W	255	250	245	240	235
Power tolerance	%	0/+5	0/+5	0/+5	0/+5	0/+5
Maximum Power at STC (Pmax)	W	258	255	250	245	240
Cell Efficiency (nc)	%	17.9	17.5	17.2	16.8	16.5
Minimum Module Efficiency (nm)	%	15.6	15.2	14.9	14.6	14.3
Maximum Power Voltage (Vmp)	V	30.3	30.2	30.1	30.1	30.0
Maximum Power Current (Imp)	A	8.43	8.29	8.14	7.99	7.84
Open Circuit Voltage (Voc)	V	37.5	37.4	37.3	37.2	37.1
Short Circuit Current (Isc)	A	9.00	8.85	8.70	8.53	8.36
Maximum System Voltage	V	1000 (TUV)/600 (UL)				
Maximum Series Fuse Rating	A	15				

STC: Irradiance 1000 W/m², Module Temperature 25°C, Air Mass 1.5

MECHANICAL CHARACTERISTICS	
External Dimension	1640 x 992 x 35 mm
Weight	19.0 kg
Solar Cells	60 pieces Monocrystalline 156 x 156 mm
Front glass	3.2 mm tempered low iron glass
Frame	Anodized / Electrophoretic Aluminium
Junction Box	IP65 / IP67
Output Cables	4.0 mm ² , symmetrical lengths 900 mm
Connector	SOLCABLE-CN40CM
Maximum Snow Load	550 kg/m ²
Maximum Wind Load	200 km/h
Hailstone Impact Test	80 km/h for 25 mm ice ball

PACKAGING	
Modules Per Pallet	28
Pallet Dimension	1650 x 1115 x 995 mm
Pallet Weight	535 kg