

205-250watt

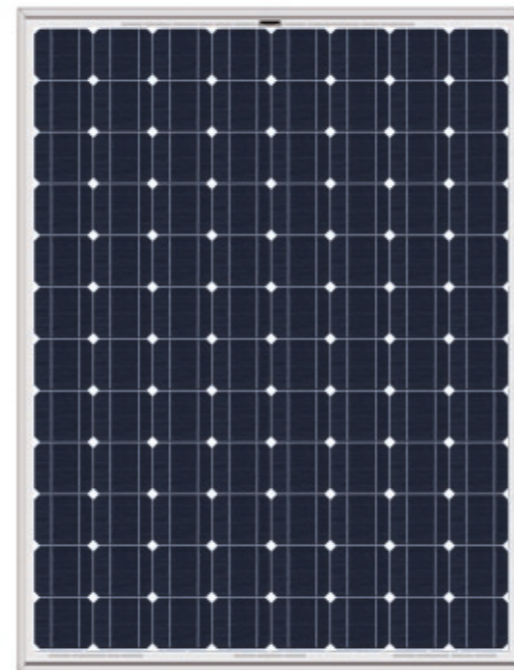
MONOSTALLINE SOLAR PANEL



XHD-205 XHD-210 XHD-215 XHD-220 XHD-225
XHD-230 XHD-235 XHD-240 XHD-245 XHD-250
with 96 cells of 5" mono

Features

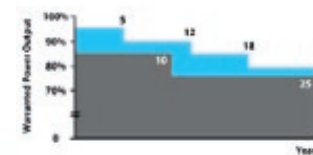
- 0-5W** Guaranteed 0-5W positive power output tolerance ensures high reliability
- 3 bus bar** Three bus-bar design enhances cell reliability and reduces series resistance for large fill factor
- Weak light** Excellent performance under low light environments (mornings, evenings and cloudy days)
- 2400Pa 5400Pa** Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal) *



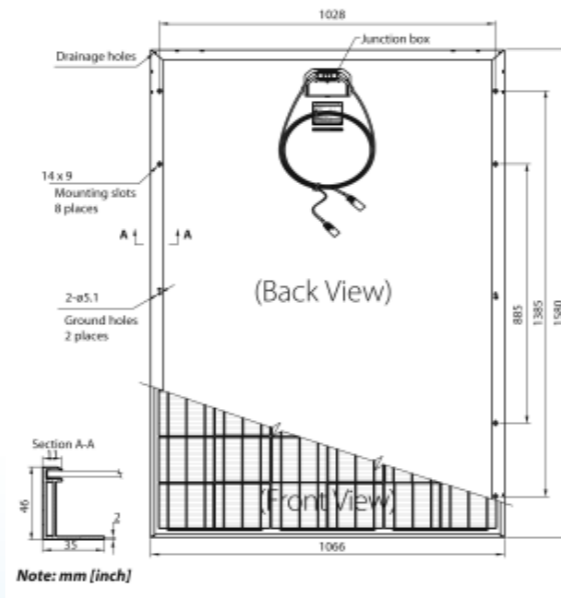
Trust our to Deliver Reliable Performance Over Time

- World's leading manufacturer of crystalline silicon photovoltaic modules
- Unrivaled manufacturing capacity and world-class technology
- Rigorous quality control meeting the highest international standards: ISO 9001:2008 and ISO 14001: 2004
- Certification and standards: IEC 61215, IEC 61730, conformity to CE

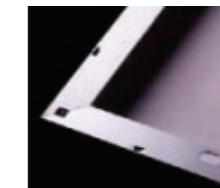
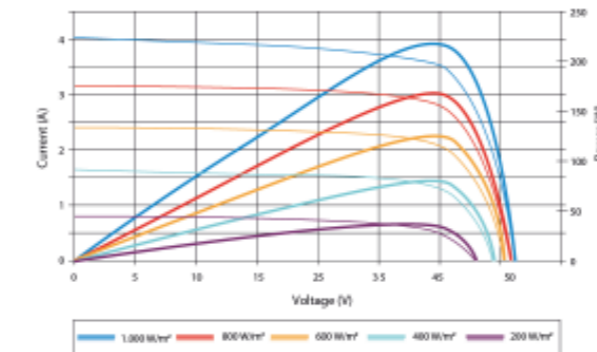
Industry-leading warranty



- 25 year transferrable power output warranty: 5 year/95%, 12 year/90%, 18 year/85%, 25year/80% **
- Based on nominal power
- 5 year material and workmanship warranty



Current-Voltage & Power-Voltage Curve (220-20)



Specially designed drainage holes and rigid construction prevent frame from deforming or breaking due to freezing weather and other forces.



Latest IP67 rated junction box improves module performance stability with enhanced thermal isolation.

* Please refer to XINGHUO Standard Module Installation Manual for details.
** Please refer to XINGHUO Product Warranty for details.

Electrical Characteristics

STC	XHD-205	XHD-210	XHD-215	XHD-220	XHD-225
Open-circuit voltage (Voc)	58.13V	58.75V	59.38V	59.75V	60V
Optimum Operating Volatage (Vmp)	46.5V	47V	47.5V	47.8V	48V
Short-Circuit Current (Isc)	4.76A	4.83A	4.89A	4.97A	5.07A
Optimum Operating Current (Imp)	4.41A	4.47A	4.53A	4.60A	4.69A
Maximum Power at STC (Pmax)	205Wp	210Wp	215Wp	220Wp	225Wp
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Maximum System Voltage	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC

STC	XHD-230	XHD-235	XHD-240	XHD-245	XHD-250
Open-circuit voltage (Voc)	60.13V	60.38V	60.63V	60.75V	60.87V
Optimum Operating Volatage (Vmp)	48.1V	48.3V	48.5V	48.6V	48.7V
Short-Circuit Current (Isc)	5.16A	5.26A	5.35A	5.44A	5.54A
Optimum Operating Current (Imp)	4.78A	4.87A	4.95A	5.04A	5.13A
Maximum Power at STC (Pmax)	230Wp	235Wp	240Wp	245Wp	250Wp
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Maximum System Voltage	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC

STC: Irradiance 1000W/m², module temperature 25°C; AM=1.5

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.47 %/°C
Temperature Coefficient of Voc	-0.34 %/°C
Temperature Coefficient of Isc	0.045 %/°C

Mechanical Characteristics

Solar Cell	mono 125 x 125 mm (5 inches)
No. of Cells	96 (8 x 12)
Dimensions	1580 x 1066 x 46 mm
Weight	21.5 kgs
Front Glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67 rated
Output Cables	H+S RADOX® SMART cable 4.0 mm ² (0.006 inches ²), symmetrical lengths (-) 1000 mm (39.4 inches) and (+) 1000 mm (39.4 inches), MC4 connectors

Packing Configuration

Container	20' GP	40' HC
Pieces per pallet	38	38
Pallets per container	6	14
Pieces per container	228	532

