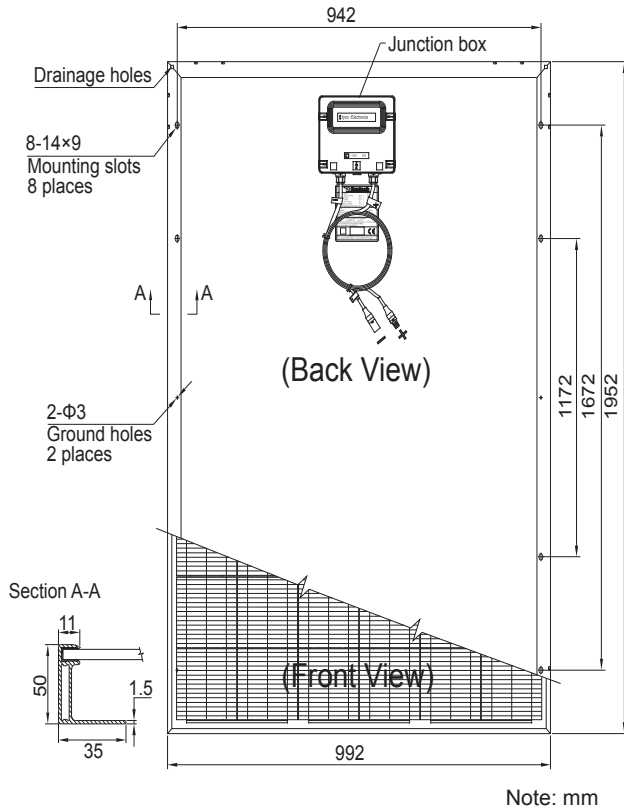




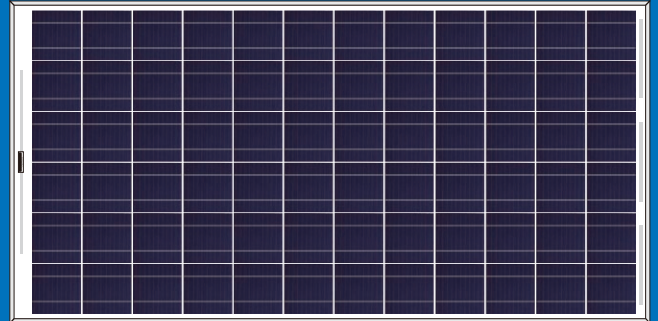
Multicrystalline solar modules

- HR-235W/24V HR-240W/24V HR-245W/24V
- HR-250W/24V HR-255W/24V HR-260W/24V
- HR-265W/24V HR-270W/24V HR-275W/24V
- HR-280W/24V HR-285W/24V

Module Diagram



High Efficiency, High Quality PV Module



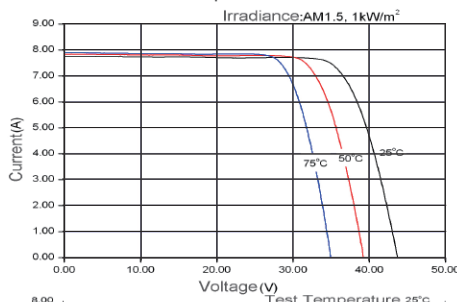
Temperature and Limits

Max series Fuse	15A
No. of Diode	3
Number of cells	72
MAX system voltage	1000VDC
Temperature coefficients of Pm	-0.37%/°C
Temperature coefficients of Voc	-0.34%/°C
Temperature coefficients of Isc	0.09%/°C
NOCT	45°C ± 2°C
Output Tolerance	±3%
Size of module	1952×992×50mm
Cable Length	900mm
Weight per piece	20kg
Packing Configuration	2pcs per carton
Operating temperature	-40°C to 85°C
Standard Test conditions	STC: AM1.5, 1000W/M ² Module temperature 25°C

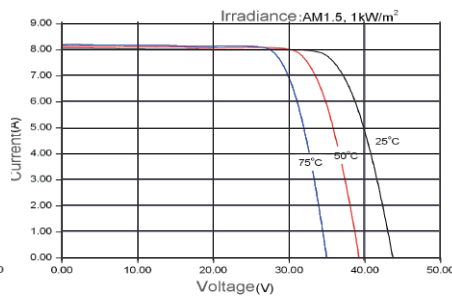
Characteristics

CELL TYPE	156×156 POLY SOLAR CELL										
ITEM	HR-235W/24V	HR-240W/24V	HR-245W/24V	HR-250W/24V	HR-255W/24V	HR-260W/24V	HR-265W/24V	HR-270W/24V	HR-275W/24V	HR-280W/24V	HR-285W/24V
MAX Power (Wp)	235	240	245	250	255	260	265	270	275	280	285
MAX Power Voltage (Vm)	34.40	34.50	34.60	34.70	34.80	35.00	35.20	35.30	35.40	35.50	35.60
MAX Power Current (Im)	6.83	6.96	7.08	7.20	7.33	7.43	7.53	7.65	7.77	7.89	8.00
Open Circuit Voltage (Voc)	43.30	43.40	43.50	43.60	43.70	43.80	43.90	44.00	44.20	44.40	44.60
Short circuit current (Isc)	7.14	7.28	7.41	7.54	7.65	7.68	7.74	8.07	8.19	8.30	8.41

Characteristics
Module IV Graph 260W



Characteristics
Module IV Graph 270W



Characteristics
Module IV Graph 280W

