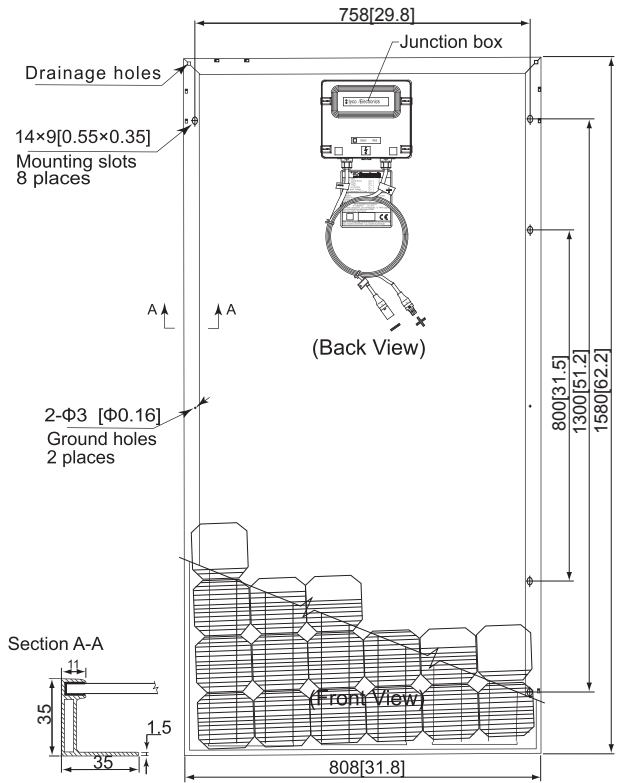




Mono-crystalline solar modules

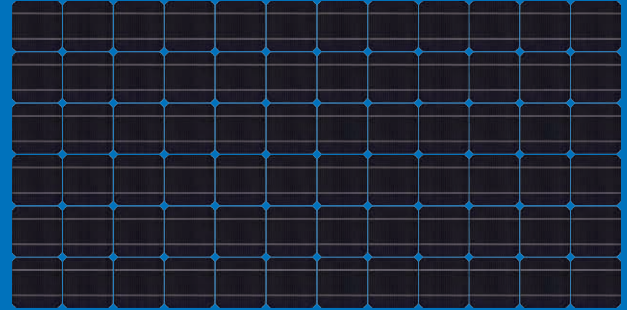
HR-155W/24V HR-160W/24V HR-165W/24V
 HR-170W/24V HR-175W/24V HR-180W/24V
 HR-185W/24V

Module Diagram



Note: mm[inch]

High Efficiency, High Quality PV Module



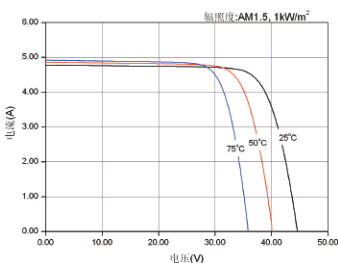
Temperature and Limits

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	1580×808×35mm
Cable Length	900mm
Weight per piece	15.5kg
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

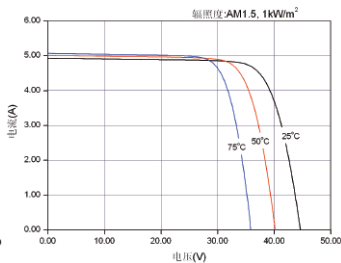
Characteristics

CELL TYPE	125 x 125 MONO SOLAR CELL						
ITEM	HR-155W/24V	HR-160W/24V	HR-165W/24V	HR-170W/24V	HR-175W/24V	HR-180W/24V	HR-185W/24V
MAX Power (Wp)	155	160	165	170	175	180	185
MAX Power Voltage (Vm)	34.20	34.40	34.80	35.20	35.60	35.80	36.00
MAX Power Current (Im)	4.53	4.65	4.75	4.83	4.91	5.00	5.14
Open Circuit Voltage (Voc)	43	43.20	43.60	44.00	44.40	44.80	45.00
Short circuit current (Isc)	4.74	5.00	5.07	5.14	5.21	5.30	5.40

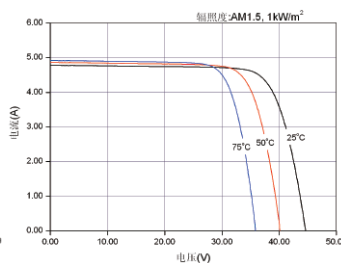
Characteristics
Module IV Graph 165W



Characteristics
Module IV Graph 170W



Characteristics
Module IV Graph 175W



Characteristics
Module IV Graph 180W

