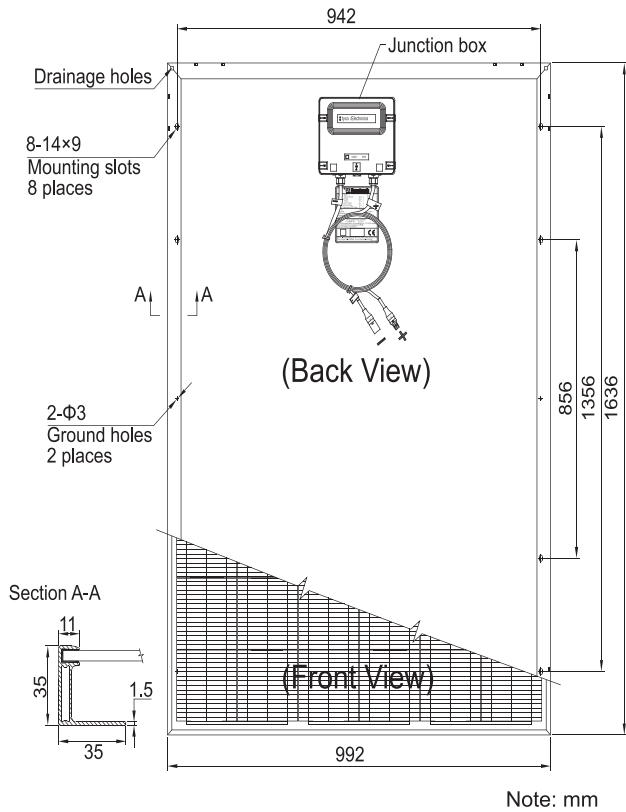




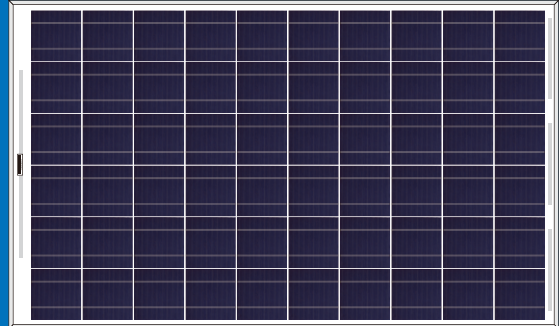
# Multicrystalline solar modules

HR-190W/18V HR-195W/18V HR-200W/18V  
 HR-205W/18V HR-210W/18V HR-215W/18V  
 HR-220W/18V

## Module Diagram



## High Efficiency, High Quality PV Module



### Temperature and Limits

Max series Fuse	15A
No. of Diode	3
Number of cells	60
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	1636 × 992 × 35mm
Cable Length	900mm
Weight per piece	18kg
Packing Configuration	2pcs per carton
Operating temperature	-40°C to 85°C
Standard Test conditions	STC: AM1.5, 1000W/M <sup>2</sup> Module Temperature 25°C

## Characteristics

CELL TYPE	156 × 156 POLY SOLAR CELL						
	HR-190W/18V	HR-195W/18V	HR-200W/18V	HR-205W/18V	HR-210W/18V	HR-215W/18V	HR-220W/18V
MAX Power(Wp)	190	195	200	205	210	215	220
MAX Power Voltage(Vm)	28.80	28.80	28.90	28.90	29.00	29.10	29.20
MAX Power Current(I <sub>m</sub> )	6.60	6.78	6.92	7.09	7.24	7.40	7.53
Open Circuit Voltage	36.00	36.10	36.20	36.30	36.30	36.30	36.30
Short circuit current(I <sub>sc</sub> )	6.94	7.13	7.31	7.49	7.65	7.80	7.97

