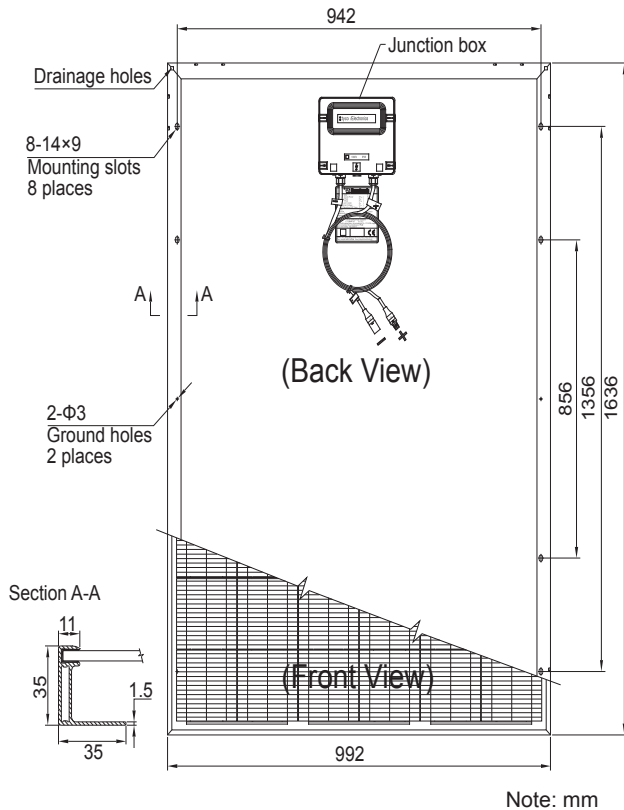




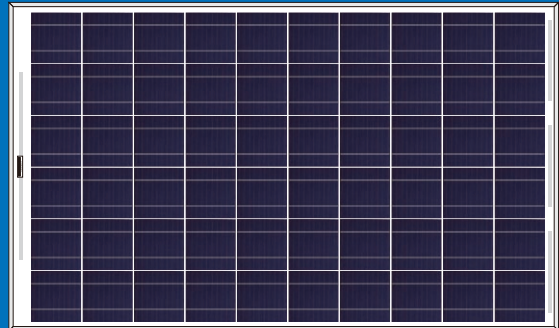
# Multicrystalline solar modules

HR-190W/18V HR-195W/18V HR-200W/18V  
 HR-205W/18V HR-210W/18V HR-215W/18V  
 HR-220W/18V HR-225W/18V HR-230W/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 POLYSOLARCELL								
ITEM	HR-190W/18V	HR-195W/18V	HR-200/18V	HR-205/18V	HR-210W/18V	HR-215W/18V	HR-220W/18V	HR-225W/18V	HR-230W/18V
MAX Power (Wp)	190	195	200	205	210	215	220	225	230
MAX Power Voltage (Vm)	28.80	28.80	28.90	28.90	29.00	29.10	29.20	29.30	29.40
MAX Power Current (Im)	6.60	6.78	6.92	7.09	7.24	7.40	7.53	7.68	7.82
Open Circuit Voltage (Voc)	36.00	36.10	36.20	36.30	36.30	36.30	36.30	36.40	36.40
Short circuit current (Isc)	6.94	7.13	7.31	7.49	7.65	7.80	7.97	8.13	8.31

