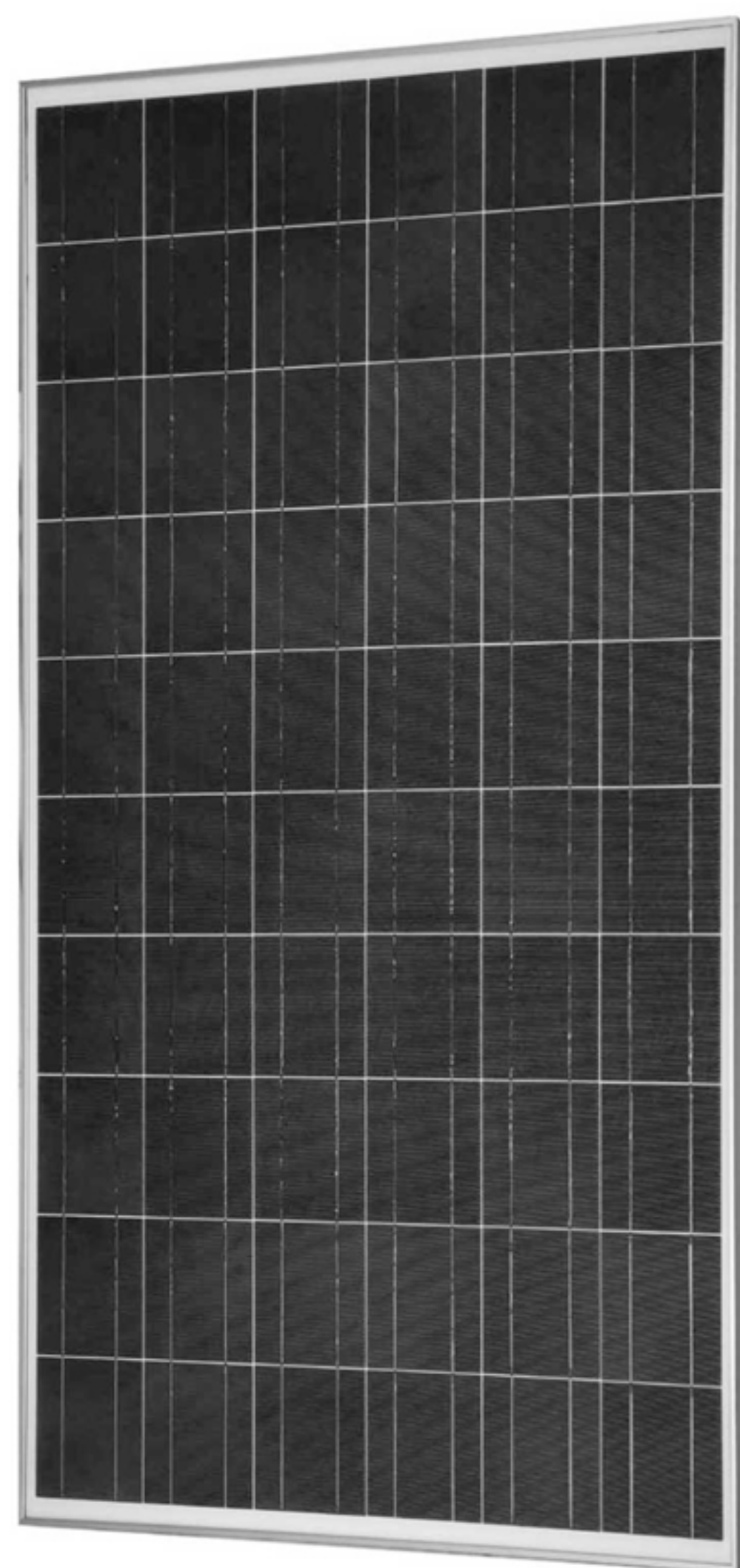


## MS230P/235P/240P-60



Length	Width	Depth	Weight	Solar cells
1640 mm	992 mm	50 mm	17.5Kg	60 Pcs (156mm*156mm) in a 6*10 matrix connected

- High efficiency module using 6" polycrystalline solar cells (156 X156mm).
- 60 solar cells and connection in series.
- 14% or Higher module conversion efficiency.
- High reliable schottky bypass diode minimizes power drop by shade.
- Using optical low iron tempered anti reflective glass, EVA laminate and weatherproof back-sheet provide protection in the severe conditions of environment.
- Robust, Clear anodize aluminum frame protected.



### SUPERIORITY

*Designed for optimum use in residential and Commercial grid-tied applications.*

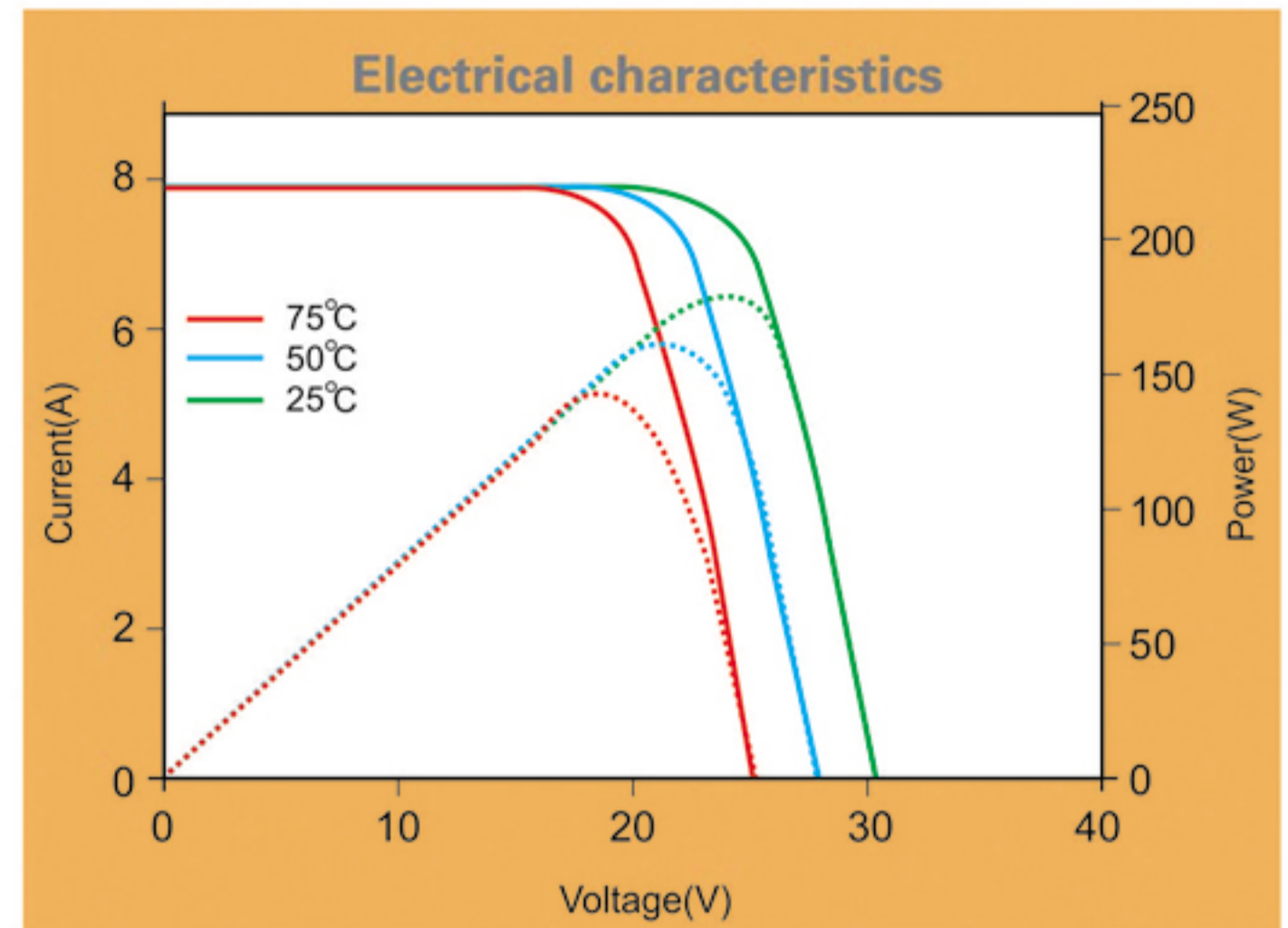
*Bad weather withstand Junction BOX, crosslink cable and low connection losses connectors.*

### QUALITY ASSURANCE

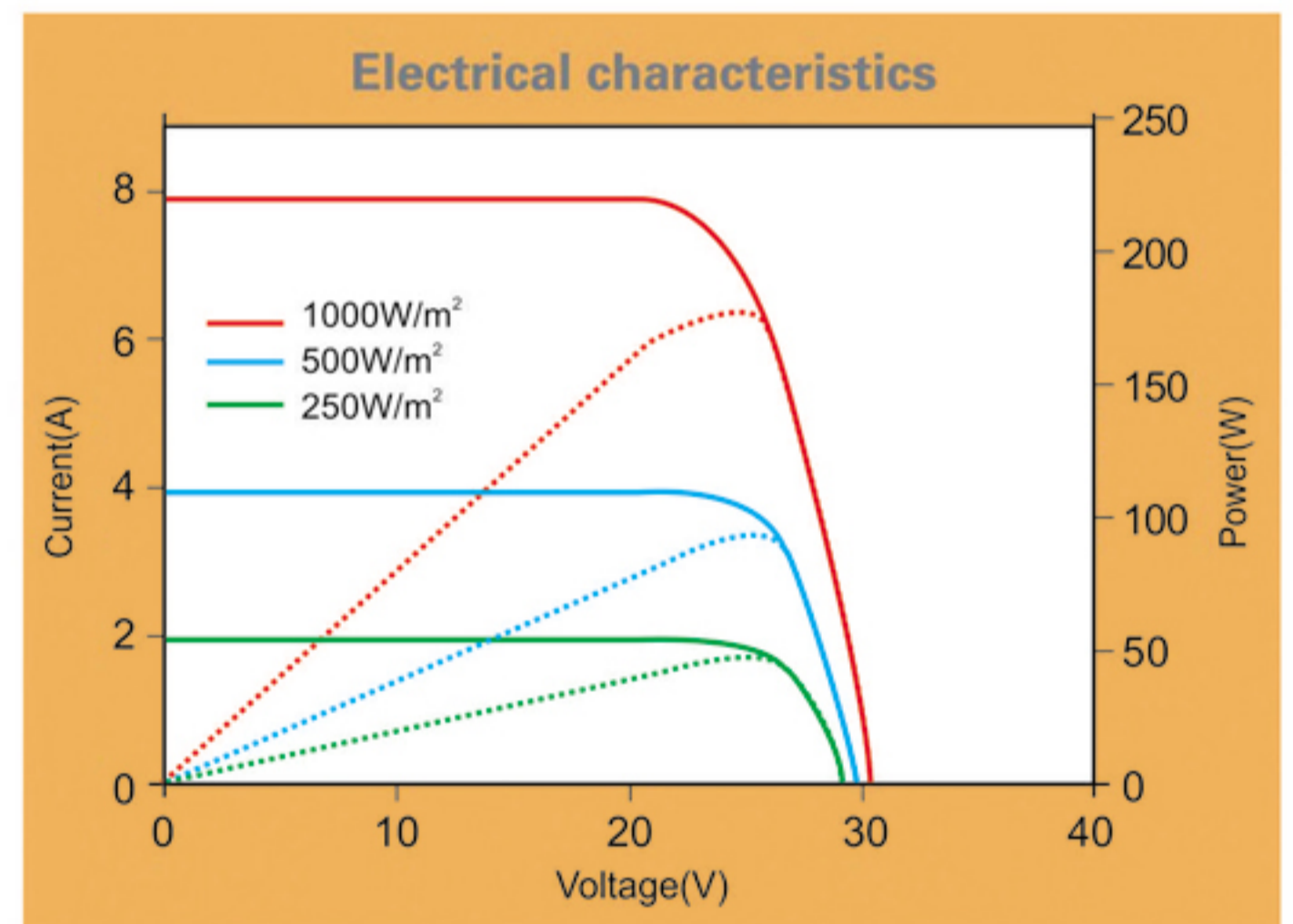
*Utilizing advanced technology and automatic production.*

*Complete test : Hot-spot endurance, Insulation, Outdoor exposure, UVpreconditioning, Humidity-freeze, Damp heat, Thermal cycling, Robustness of terminations, Wet leakage current, Loading, Hail impact. Manufactured in ISO 9001 : 2008 certified facility.*

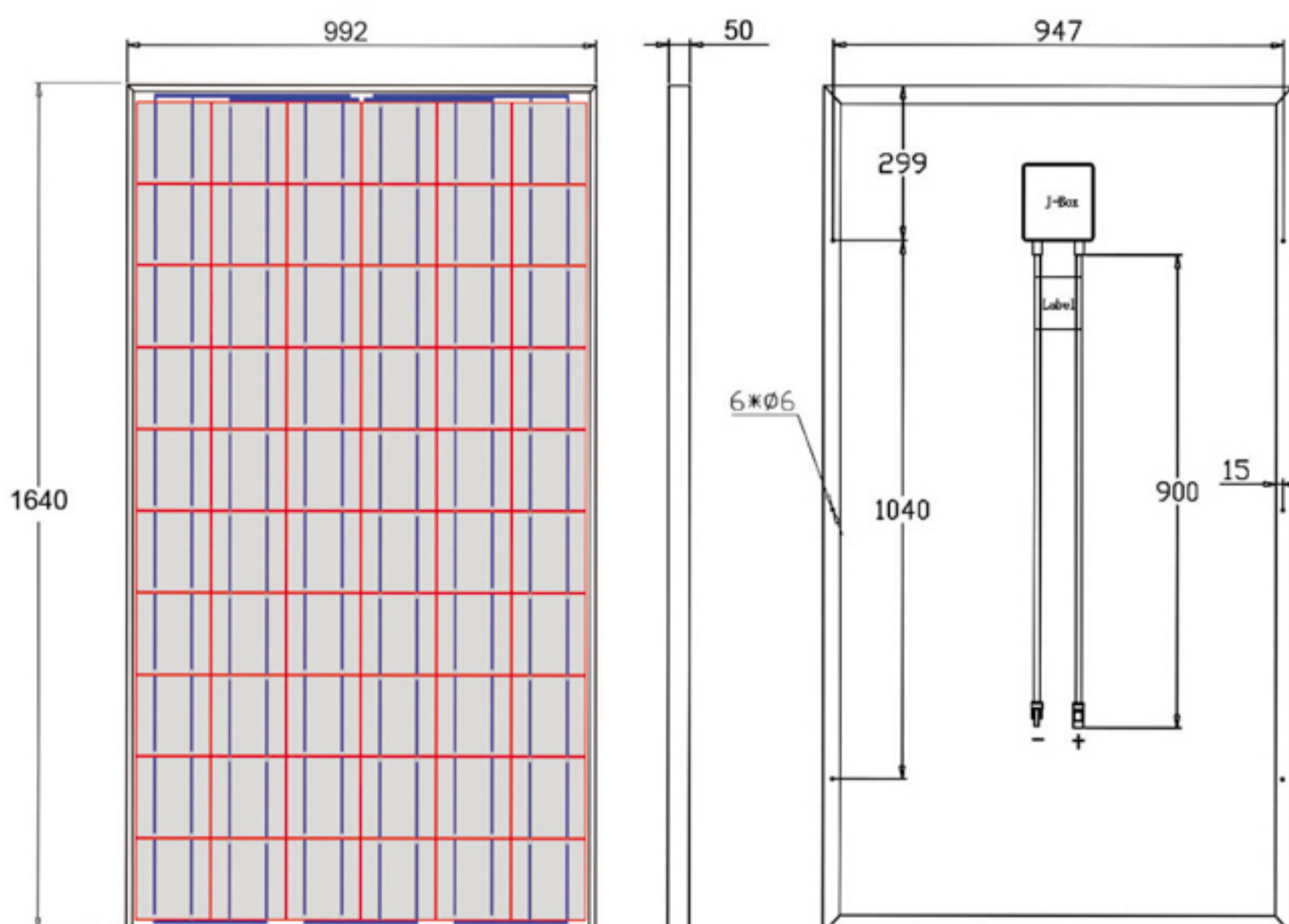
Electrical Data				
Power Rating	Pmpp	230W	235W	240W
Maximum Current	Impp	7.65A	7.76A	7.87A
Maximum Voltage	Vmpp	30.05V	30.28V	30.41V
Short-circuit Current	Isc	8.18A	8.35A	8.42A
Open-circuit Voltage	Voc	36.29V	36.52V	36.59V
Efficiency Rating		13.57%	14.29%	14.47%
Power Tolerance		3%		



Tested Operating Conditions	
Temperature range	-40°C to 85°C
Damp heat	85%RH
Max back loading	2400 Pa
Max front loading	5400 Pa
Hail impact	25mm Ice ball at 23m/s



Warranty	
5-year guarantee for workmanship	
12-year guarantee of max. 10% loss of power	
25-year guarantee of max. 20% loss of power	



**At STC( Standard Test Conditions).1000W/m, 25° C cell temperature, AM1.5 spectrum**