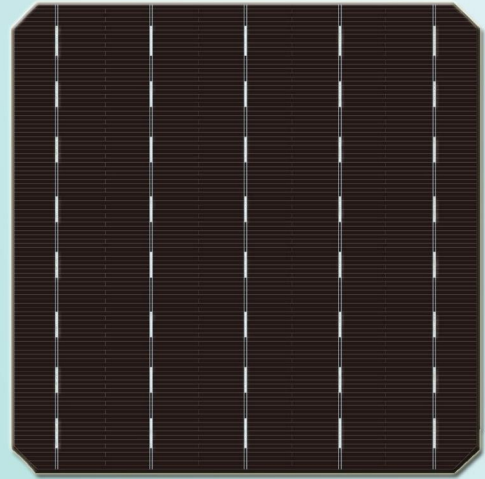




Bi-Facial

WB-MB6-5

Monocrystalline Solar Cell



Features

- Average cell efficiency (front side) > 21.3%
Nominal Power equivalent power 330W
- 5%-20% power gain from rear side at
- suitable installation

Ideal for flat rooftops, vertical installations, BIPV, carport, floating PV, snow or desert environments

Performance and Quality

- Proper handling from incoming inspection through production, outgoing inspection and packaging
- 100% checked for reverse current and visual appearance
- Calibrated against Fraunhofer ISE
- RoHS compliance
- **100% PID Resistance**

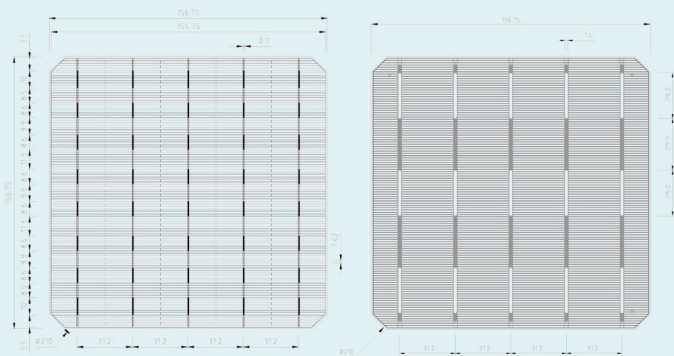
Packaging

- Minimize the risk of broken cells with special design
- Label with product information

Physical Characteristics

Dimension	156.75 mm x 156.75 mm ± 0.25 mm
Diagonal	210 mm ± 0.5 mm
Thickness (si)	180 μm + 30 μm
Front Side (-)	Silicon nitride anti-reflection coating 0.7 mm silver busbar
Back Side (+)	Aluminum local back surface field 1.4 mm (silver) discontinuous soldering pads

Cell Layout





Electrical Characteristics

Class	Efficiency Range (%)	Rated Power (Wp)	*Maximum Power Current (A)	*Short Circuit Current (A)	*Maximum Power Voltage (V)	*Open Circuit Voltage (V)
210	21.0-21.1	5.131	9.200	9.734	0.558	0.666
211	21.1-21.2	5.155	9.214	9.745	0.560	0.666
212	21.2-21.3	5.180	9.228	9.756	0.561	0.667
213	21.3-21.4	5.204	9.242	9.767	0.563	0.668
214	21.4-21.5	5.228	9.256	9.778	0.565	0.669
215	21.5-21.6	5.253	9.269	9.788	0.567	0.669
216	21.6-21.7	5.277	9.283	9.799	0.569	0.670
217	21.7-21.8	5.302	9.296	9.810	0.570	0.671
218	21.8-21.9	5.326	9.310	9.821	0.572	0.671

Test condition : 1000 W / m² , AM 1.5, 25°C Power measuring tolerance: ±1.5% rel.

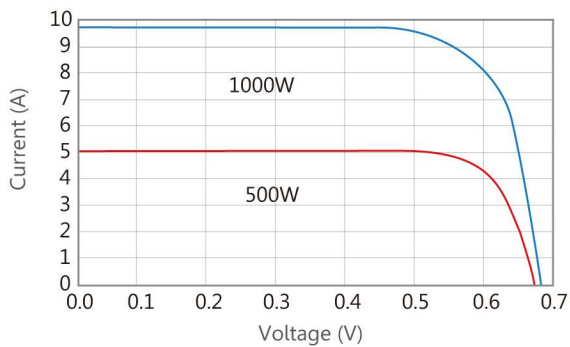
Temperature coefficients

Current (%/K)	0.0413
Voltage (%/K)	-0.2835
Power (%/K)	-0.3673

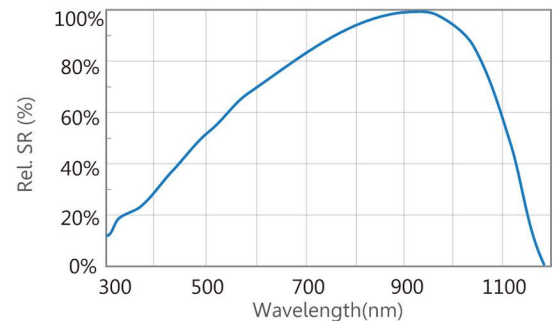
Light Intensity Dependence

Intensity(W/m)	Vmpp(%)	Impp(%)
1000	100.0	100.0
900	99.8	89.9
500	97.7	49.7
300	95.5	29.7
200	93.6	19.7

IV-Curve



Spectral Response



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