

MONOCRISTALLINE SOLAR CELLS HJT 166-9BB

166 mm BIFACIAL- CONFIDENTIAL

Silicon type	size	thickness
Ntype HJT	166*166 ± 0.25	150 ± 30 μm

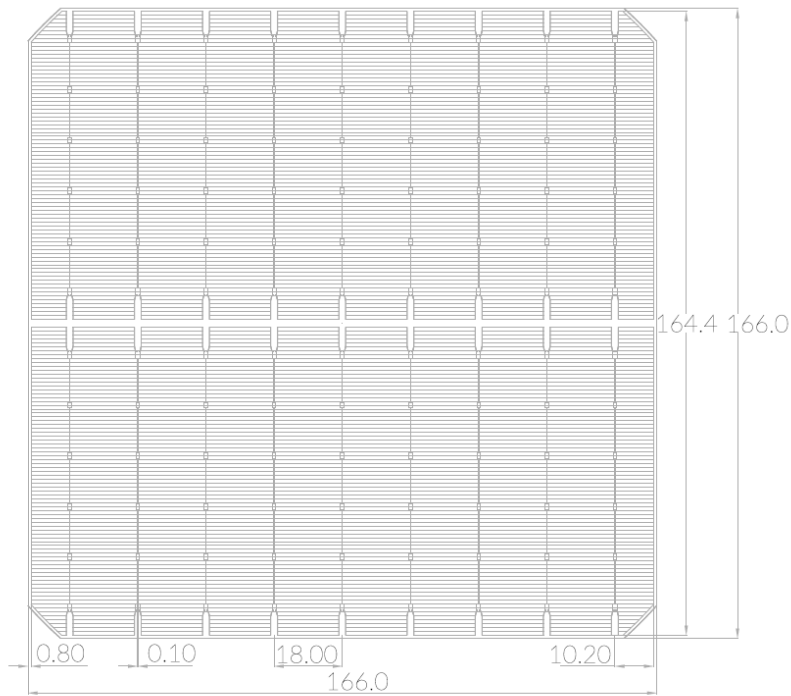
Solar cell structure

Front electrode pattern



Back electrode pattern



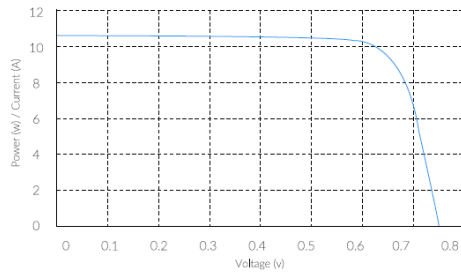


ELECTRICAL CHARACTERISTICS (STC)

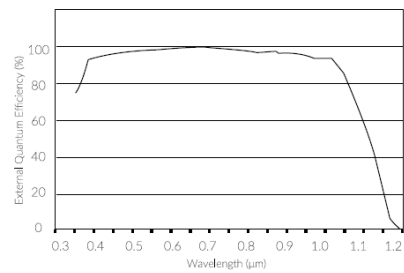
Power Class			HS-M6-237	HS-M6-238	HS-M6-239	HS-M6-240	HS-M6-241	HS-M6-242	HS-M6-243	HS-M6-244
Maximum Power	P _{mpp}	[W]	6.50	6.52	6.55	6.58	6.61	6.63	6.66	6.69
Short Circuit Current	I _{sc}	[A]	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.68
Open Circuit Voltage	V _{oc}	[V]	0.740	0.740	0.740	0.741	0.742	0.742	0.742	0.743
Efficiency	η	[%]	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4

*PERFORMANCE AT STANDARD TEST CONDITIONS, STC: 1000 W/m², 25°C, AM 1.5 G

TYPICAL CURRENT/POWER-VOLTAGE CURVES (24.2%)



SPECTRAL RESPONSE



PACKING SPECIFICATIONS

pcs/box	box/carton	pcs/carton
120pcs	14 boxes	1680pcs

TEMPERATURE COEFFICIENTS

Power (P _{max})	-0.26%/K
Current (I _{sc})	+0.055%/K
Voltage (V _{oc})	-0.27%/K

STORAGE REMARKS

With the sealing foil around the cell boxes damaged, broken or opened, we recommend:

- to keep the cells at room temperature and in dry and clean atmosphere.
- to process the cells within 10 days after opening the seal.