

Monocrystalline Solar Cells 166mm 9BB Bifacial

Eff (%)	Pmpp (W)	Umpv (V)	Impv (A)	Uoc (V)	Isc (A)	FF (%)
22.9	6.28	0.5933	10.582	0.6874	11.113	82.18
22.8	6.25	0.5916	10.566	0.6859	11.100	82.10
22.7	6.22	0.5905	10.540	0.6837	11.105	81.97
22.6	6.20	0.5887	10.525	0.6822	11.090	81.89
22.5	6.17	0.5873	10.503	0.6811	11.082	81.73
22.4	6.14	0.5856	10.486	0.6807	11.075	81.46
22.3	6.11	0.5835	10.477	0.6790	11.060	81.41
22.2	6.09	0.5817	10.462	0.6780	11.046	81.26
22.1	6.06	0.5799	10.448	0.6777	11.039	80.98
22.0	6.03	0.5781	10.433	0.6774	11.021	80.81
21.9	6.00	0.5760	10.424	0.6748	11.014	80.79
21.8	5.98	0.5742	10.409	0.6743	10.996	80.60
21.7	5.95	0.5720	10.401	0.6729	10.990	80.45
21.6	5.92	0.5701	10.386	0.6719	10.974	80.30
21.5	5.89	0.5684	10.371	0.6713	10.958	80.12

	Eff (%)	Pmpp (W)	Umpv (V)	Impv (A)	Uoc (V)	Isc (A)
Back Side	>16%	4.44	0.5884	7.549	0.6788	8.019
	15.5%-16%	4.30	0.5782	7.492	0.6688	7.940
	15%-15.5%	4.17	0.5721	7.335	0.6650	7.735
	<15%	4.06	0.5657	7.173	0.6592	7.554

Format	166x166mm±0.25mm
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Thickness	190mm±30um
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Front	9*0.1±0.3mm busbar(silver),124 fingers, blue silicon nitride anti-reflection coating(PID free)
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Back	Back electrode width (silver) 1.3±0.25mm, back side cover aluminum back filed, Vertical laser design
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Temperature Index	Intensity(W/m ²)	Uoc	Isc
TkVoltage: -0.36 %/K	1000	1.000	1.000
TkCurrent: +0.07%/K	900	0.996	0.903
TkPower: -0.38%/K	800	0.991	0.803
Rsh ≥ 30 Ω , Irev2 ≤ 0.8A	600	0.988	0.602
	400	0.962	0.403

