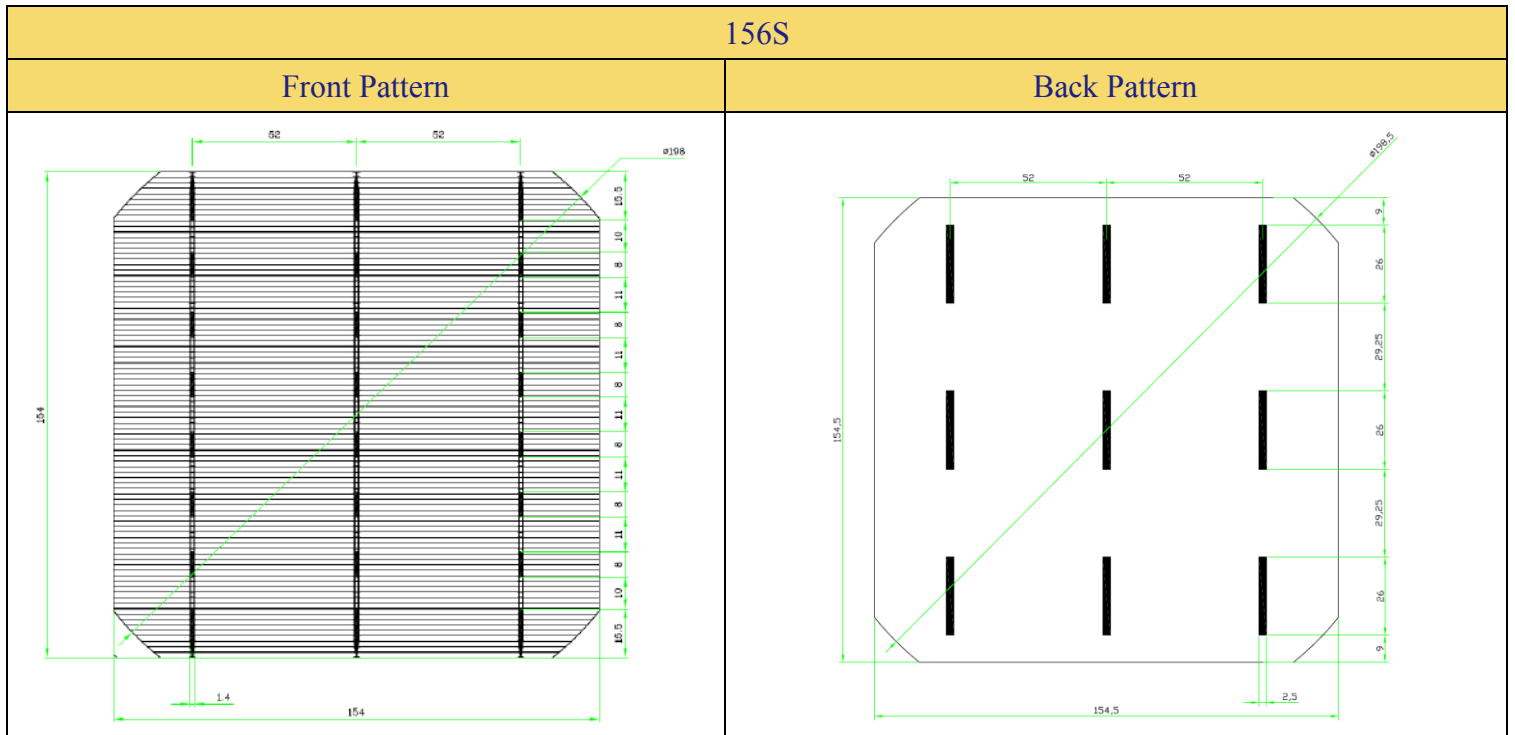


156 Mono



Mechanical Characteristics

Product	Mono-crystalline Silicon Solar Cell
Dimension	156mm×156mm, Φ200mm, tolerance±0.5mm
Thickness	200μm, tolerance±20μm
Front (cathode)	Blue silicon nitride anti-reflection coating Three row 1.4mm wide discontinuous silver bus bars
Back (anode)	Aluminum back surface field Three row 2.5mm wide discontinuous silver soldering pads

Efficiency (%)	Pmpp (Wp)	Vmpp (V)	Imp (A)	Voc (V)	Isc (A)	FF (%)
19.6%+	4.68	0.544	8.62	0.641	9.11	80.3
19.4%+	4.64	0.541	8.58	0.639	9.07	80.0
19.2%+	4.59	0.540	8.50	0.637	9.02	79.9
19.0%+	4.54	0.536	8.47	0.635	8.98	79.6
18.8%+	4.49	0.535	8.39	0.634	8.88	79.7
18.6%+	4.44	0.534	8.32	0.633	8.84	79.5

18.4%+	4.40	0.533	8.25	0.631	8.82	79.1
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All data at STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5G. P_{mpp} ±1.5%, Efficiency ±0.2% abs.

Temperature Coefficients

TkCurrent	+0.07%/°C
TkVoltage	-0.36%/°C
TkPower	-0.38%/°C
