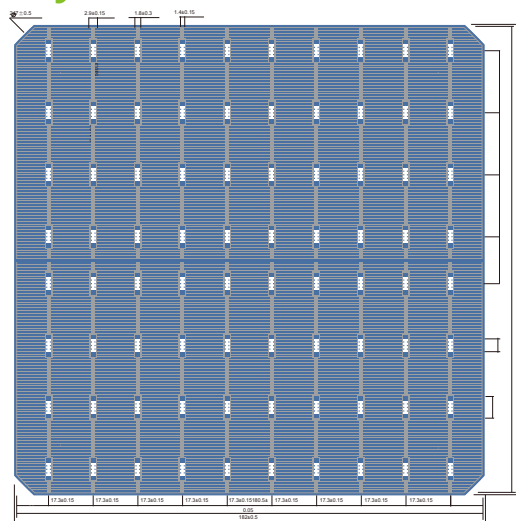
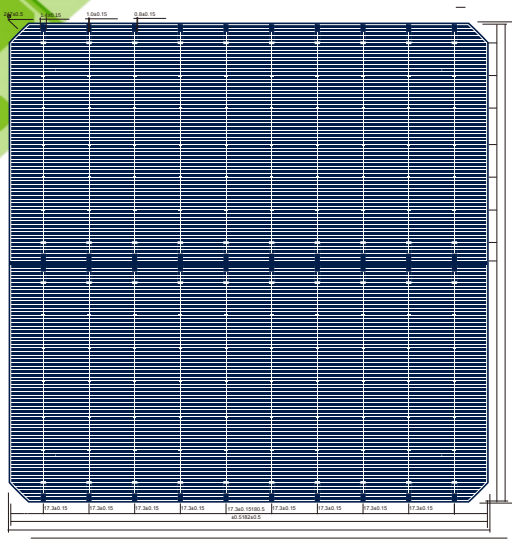


PERCBP SE Solar Cell

TS182M-10BB

MONO-Crystalline



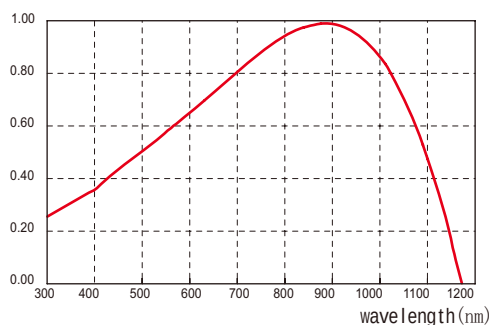
Technical Data and Design

Dimension	182mm×182mm±0.5φ247mm
Diameter	247mm±0.25mm
Thickness	190μm±30μm (Excluding positive silver thickness)
Front(-)	0.06mm wide main gate, 132 auxiliary gates, blue silicon nitride antireflection film
Back(+)	6 sections of 1.8mm silver pads are embedded in 1.4mm aluminum main grid and 162 aluminum auxiliary grids

Electrical Performance Parameters

NCell (%)	Pmpp (W)	Vmp (V)	Imp (A)	Voc (V)	Isc (A)
≥23.0	7.59	0.59070	12.854	0.69040	13.521
22.90-23.0	7.56	.58890.	12.839	.68840.	13.505
22.80-22.90	7.53	58700.	12.824	68640.	13.489
22.70-22.80	7.49	58520.	12.807	68540.	13.472
22.60-22.70	7.46	58340.	12.790	68360.	13.454
22.50-22.60	7.43	58150.	12.774	68270.	13.437
22.40-22.50	7.40	57980.	12.756	68180.	13.418
22.30-22.40	7.36	57790.	12.740	68010.	13.401
22.20-22.30	7.33	57570.	12.732	67830.	13.393
22.10-22.20	7.30	57400.	12.711	67820.	13.371
22.00-22.10	7.26	57210.	12.696	67720.	13.355
21.90-22.00	7.23	5703	12.677	6763	13.335

IV Curve



Light Intensity Dependence

Intensity(W/m²)	Voc [%]	Isc [%]
1000	100.00	100.00
800	99.10	80.08
600	97.84	60.00
400	96.22	40.00
200	93.32	19.98

Take the Voc (Isc) at 1000W/m² as the standard, test the range of Voc (Isc) decrease with light intensity.

Solder Ability

Peel strength Minimum ≥1.4N/mm

Results may be different due to different ribbons,soldering methods and parameters.

STC (Standard Testing Conditions) 1000W/m², AM1.5, 25°C
Technical parameters above-mentioned subjects to technical changes and tests.GREEN POWER reserves the right of final interpretation.

Back Electrical Performance Parameters

Intensity [W/m²]	Voc [%]	Isc [%]	Pmpo [%]
1000	100.00	100.00	100.00
800	99.10	80.08	80.24
600	97.84	60.00	59.99
400	96.22	40.00	39.68
200	93.32	19.98	19.30



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