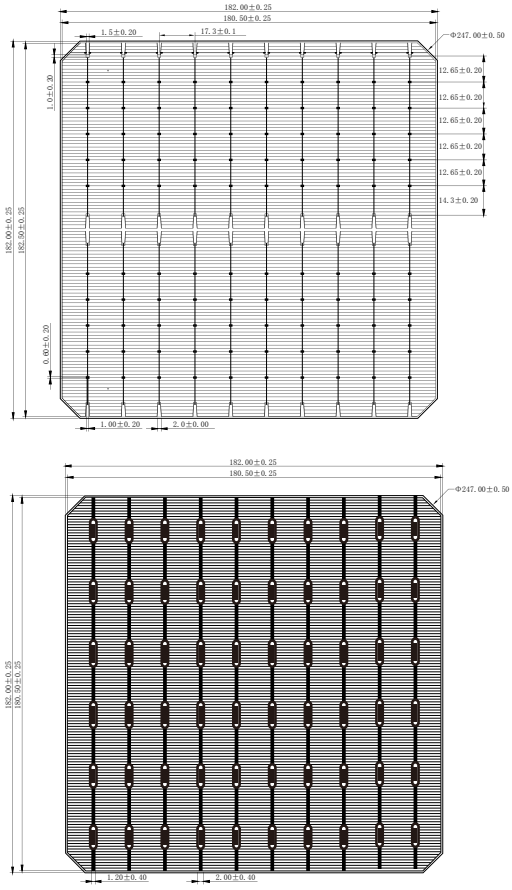
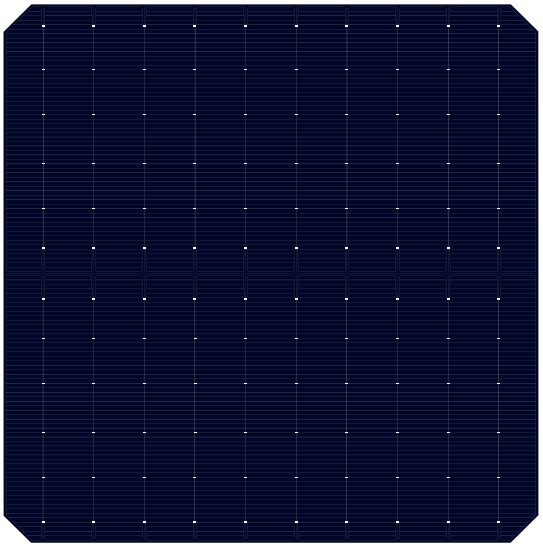
SUNKET®

SKTM10-10B

MONOCRYSTALLINE SILICON SOLAR CELLS





SUNKET Solar High-efficiency 10BB Mono cell uses the unique bifacial light receiving structure and the Passivated Emitter and Rear Cell(PERC) technology. Manufacturing module with more than 360W(6×10) and 430W(6×12) power output becomes easier than ever.

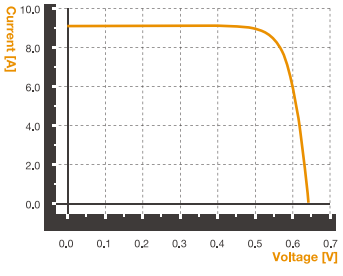
MECHANICAL DATA AND DESIGN

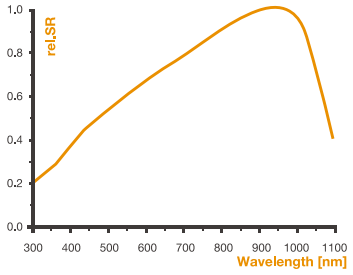
Format	182mm×182mm±0.25mm
Thickness	180±18μm
Front(-)	0.06mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	2.0mm wide soldering pads (silver back surface field(aluminum)

TEMPERATURE COEFFICIENTS

TkVoltage	-0.36%/K
TkCurrent	+0.07%/K
TkPower	-0.38%/K

IV CURVE / SPECTRAL RESPONSE





No.	Eiciency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
14	22.8	7.53	0.577	13.046	0.677	13.695	81.19
13	22.7	7.49	0.577	12.989	0.677	13.635	81.19
12	22.6	7.46	0.576	12.954	0.675	13.617	81.18
11	22.5	7.43	0.574	12.941	0.673	13.597	81.17
10	22.4	7.40	0.573	12.906	0.672	13.558	81.17
09	22.3	7.36	0.573	12.849	0.669	13.558	81.17
08	22.2	7.33	0.572	12.814	0.668	13.519	81.16
07	22.1	7.30	0.572	12.756	0.668	13.461	81.14
06	22.0	7.26	0.572	12.698	0.667	13.436	81.05
05	21.9	7.23	0.571	12.662	0.667	13.393	80.93
04	21.8	7.20	0.569	12.649	0.666	13.366	80.85
03	21.7	7.16	0.567	12.635	0.665	13.342	80.75
02	21.6	7.13	0.565	12.622	0.664	13.318	80.64
01	21.5	7.10	0.564	12.586	0.662	13.313	80.54

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