

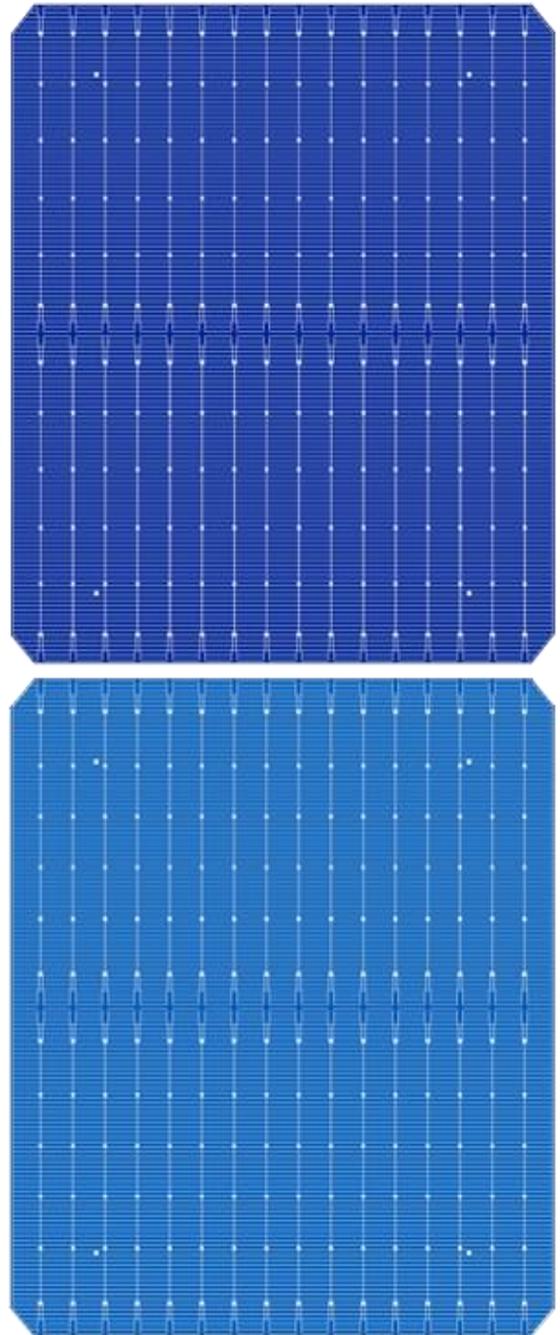
M10-TOPCon Cell

- ✓ Better Efficiency
- ✓ High Reliability
- ✓ Superior Quality
- ✓ Very Good Aesthetics

Size:
182.2 x 183.75 mm

Thickness:
130±15 um

Available in 16 BB



Key Features

- Low photoluminescence attenuation
- Superior PID resistance
- Lower sealing loss, better suite for to make high-efficiency modules
- Power TCR as low as -0.30%/C
- Relative conversion efficiency ≥98% under 200 W/m² low light
- Maximum front-side efficiency ≥25.4%, bifacial efficiency ≥80%
- Precision of efficiency testing is controlled at 0.1%
- 100% automated inspection of electrical performance, appearance, and EL
- Calibration Cells traceable back to Fraunhofer ISE

Electrical Parameters - M10 TOPCON 16BB

Product Code	Eff(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
MBC-182M-256	25.6	8.45	0.638	13.25	0.727	13.86	83.88
MBC-182M-255	25.5	8.42	0.637	13.22	0.726	13.85	83.75
MBC-182M-254	25.4	8.39	0.636	13.19	0.725	13.84	83.58
MBC-182M-253	25.3	8.35	0.635	13.16	0.724	13.83	83.45
MBC-182M-252	25.2	8.32	0.634	13.12	0.723	13.82	83.27
MBC-182M-251	25.1	8.29	0.633	13.09	0.722	13.81	83.13
MBC-182M-250	25.0	8.25	0.632	13.06	0.721	13.80	82.96
MBC-182M-249	24.9	8.22	0.631	13.03	0.719	13.79	82.92
MBC-182M-248	24.8	8.19	0.630	13.00	0.718	13.78	82.77
MBC-182M-247	24.7	8.15	0.629	12.97	0.717	13.77	82.62
MBC-182M-246	24.6	8.12	0.627	12.95	0.715	13.76	82.58
MBC-182M-245	24.5	8.09	0.626	12.92	0.713	13.75	82.52
MBC-182M-244	24.4	8.06	0.624	12.91	0.711	13.74	82.47
MBC-182M-243	24.3	8.02	0.624	12.86	0.709	13.73	82.42
MBC-182M-242	24.2	7.99	0.622	12.85	0.708	13.72	82.24

Standard test conditions: 1000W/m², AM1.5, 25°C. The above technical parameters are subject to technical changes and tests, and MBC Solar reserves the right of final interpretation.