MBC SOLAR ENERGY LIMITED

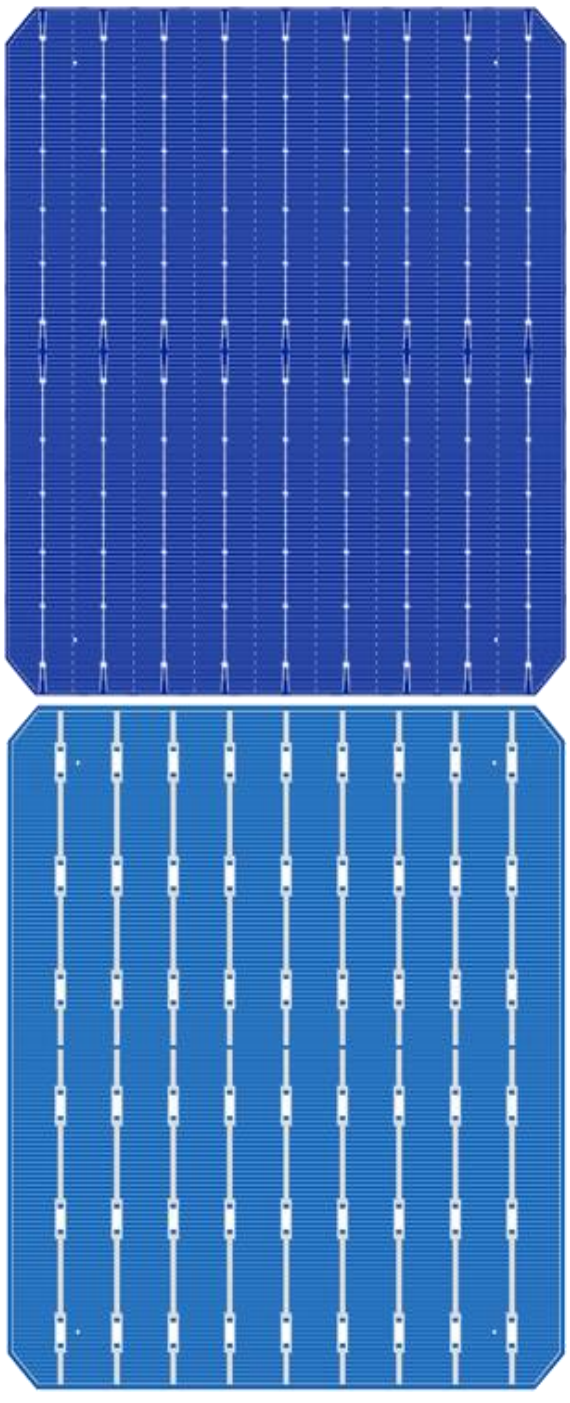
A Professional Hong Kong based company, Founders in Solar PV Since 1993.

M6-PERC Cell-BF

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

Size:
166 x 166 mm
Thickness:
160±20 um

Available in 9 BB



Key Features

- Mainstream front and back electrode design, strong adaptability of the module side, compatible with half-cell modules
- In-depth optimization of the thermal oxidation process and PE coating process for the front to ensure excellent PID resistance
- Designed with a solid front bus bar and long back electrode, mainstream wafers, processed for low wafer thickness loss and low thermal stress, giving the product exceptional mechanical load performance
- Mainstream light-induced degradation (LID) equipment to ensure high resistance to LID
- Fully automated appearance, EL, and electrical performance testing equipment to ensure stable quality

Electrical Characteristics

Efficiency Code		229	228	227	226	225	224	223	222	221	220	219
Efficiency	Eff(%)	22.90	22.80	22.70	22.60	22.50	22.40	22.30	22.20	22.10	22.00	21.90
Power	Pmpp(W)	6.28	6.25	6.22	6.20	6.17	6.14	6.11	6.09	6.06	6.03	6.00
Max. Power Current	Impp(A)	10.543	10.510	10.494	10.478	10.463	10.447	10.431	10.415	10.399	10.383	10.367
Short Circuit Current	Isc(A)	11.249	11.235	11.216	11.210	11.198	11.195	11.194	11.180	11.173	11.153	11.148
Max. Power Voltage	Vmpp(V)	0.596	0.595	0.593	0.592	0.590	0.588	0.586	0.585	0.583	0.581	0.579
Open Circuit Voltage	Voc(V)	0.690	0.689	0.688	0.686	0.685	0.683	0.682	0.681	0.680	0.680	0.678

Standard test condition: AM1.5, 1000W/m^2, 25°c
Average accuracy of all tests is +/-1.5% rel.

Registered Office: 7/F, Woon Lee Commercial Building, 7~9 Austin Avenue, Tsim Sha Tsui, Kowloon, Hong Kong. ***Phone: +86 756 8936149.***

www.mbc-solar.com ; www.mbcsolar.com
general@mbc-solar.com ; general@mbcsolar.com