

# M6PFF8

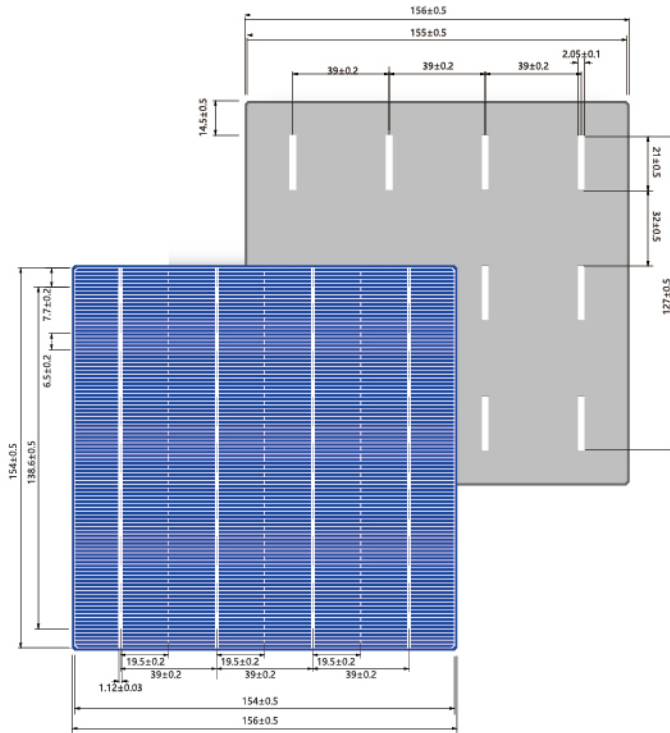
Multicrystalline Silicon Solar Cells

4BB cell appearance is available based on customers' demand.



Hareon Solar Technology Co., Ltd.

Huangtang Industrial Zone, Xuxiake Town, Jiangyin, Jiangsu, China, 214407  
Tel: +86 (510) 66286100 Fax: +86 (510) 8653 0512 E-mail:sales@hareon.net  
www.hareonsolar.com



## TEMPERATURE COEFFICIENTS

Voc.Temp.coef.%/K -0.333%/K

Isc.Temp.coef.%/K +0.049%/K

Pm.Temp.coef.%/K -0.42%/K

## INTENSITY DEPENDENCE

Intensity[W/m <sup>2</sup> ]	Isc*[mA]	Voc*[mV]
1000	1.00	1.000
900	0.90	0.989
500	0.50	0.963
300	0.30	0.939
200	0.20	0.920

Ratio of Voc (Isc) at reduced intensity to Voc (Isc) at 1000W/m<sup>2</sup>

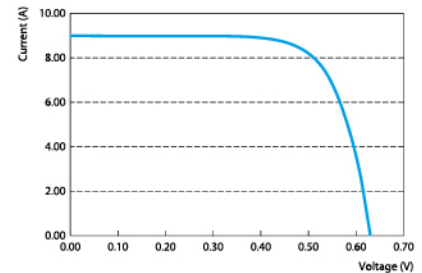
## MECHANICAL DATA AND DESIGN

Format	156mm×156mm±0.5mm
Thickness(Wafer)	180μm±20μm and 200μm±20μm
Front(-)	1.12mm bus bars (silver), blue anti-reflection coating (silicon nitride)
Back(+)	2.05mm wide segment soldering pads (silver), back surface field (aluminium)

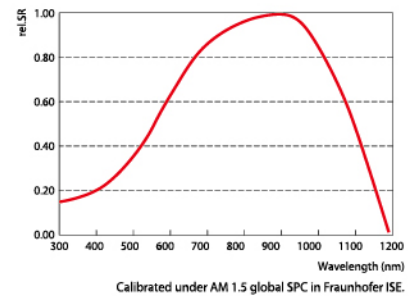
## ELECTRICAL PARAMETERS

Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
18.90-19.00	4.60	0.539	8.542	0.637	9.048	79.85
18.80-18.90	4.57	0.539	8.486	0.637	8.994	79.83
18.70-18.80	4.55	0.539	8.451	0.636	8.962	79.79
18.60-18.70	4.53	0.538	8.415	0.636	8.925	79.75
18.50-18.60	4.50	0.537	8.395	0.635	8.898	79.70
18.40-18.50	4.48	0.537	8.357	0.635	8.864	79.66
18.30-18.40	4.45	0.536	8.334	0.634	8.843	79.61
18.20-18.30	4.43	0.534	8.309	0.633	8.819	79.56
18.10-18.20	4.40	0.533	8.289	0.632	8.803	79.44

## IV CURVE



## SPECTRAL RESPONSE



Calibrated under AM 1.5 global SPC in Fraunhofer ISE.