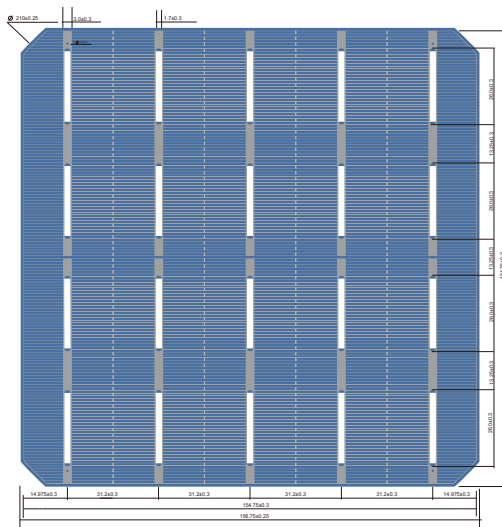
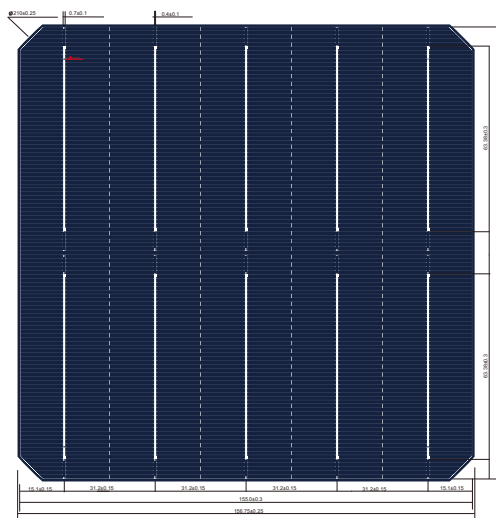


# DMBD5B157-210 MONO PERC CELL



## BASIC INFORMATION

Format	156.75mm×156.75mm±0.25mm
Diameter	210mm±0.25mm
Thickness	190μm±30μm(Exclude of the front silver)
Front(-)	0.7mm wide bus bars, 116 fingers, Blue SiNx anti-reflecting coating.
Back(+)	1.7mm wide Ag soldering pads embedded in the 3.0mm wide aluminum bus bars,156 fingers.

## ELECTRICAL PARAMETERS

Efficiency NCell(%)	Maximum power Pmpp(W)	Peak voltage Vmp(V)	Peak current Imp(A)	Open-circuit voltage Voc(V)	Short-circuit current Isc(A)
≥22.2	5.42	0.575	9.447	0.680	9.965
22.1-22.2	5.40	0.575	9.409	0.679	9.953
22.0-22.1	5.37	0.573	9.392	0.677	9.936
21.9-22.0	5.35	0.573	9.358	0.676	9.898
21.8-21.9	5.32	0.571	9.345	0.675	9.887
21.7-21.8	5.30	0.570	9.331	0.674	9.878
21.6-21.7	5.28	0.568	9.311	0.673	9.864
21.5-21.6	5.25	0.567	9.283	0.672	9.851
21.4-21.5	5.23	0.565	9.268	0.671	9.857
21.3-21.4	5.20	0.564	9.245	0.671	9.863
21.2-21.3	5.18	0.563	9.220	0.671	9.862

Note: Bifacial ratio(Pmpp rear/Pmpp front,Isc rear/Isc front)<sub>min</sub>≥70%  
Note: All the data above mentioned are collected by DMEGC technical team based on current production and testing conditions. All rights reserved by DMEGC.

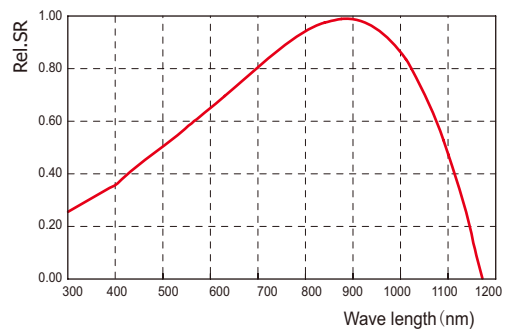
## INTENSITY DEPENDENCE

Irradiance [W/m <sup>2</sup> ]	Open-circuit voltage [%]	Short-circuit current [%]	Maximum power [%]
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

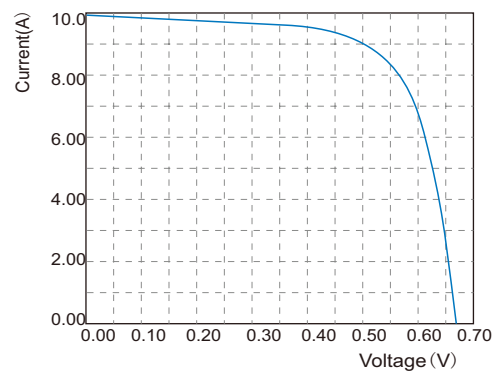
## TEMPERATURE CHARACTERISTICS

ITEM	UNIT	VALUE
$\alpha_{Isc}$	[%/°C]	0.060
$\beta_{Voc}$	[%/°C]	-0.300
$\gamma_{Pmax}$	[%/°C]	-0.390

## SPECTRAL RESPONSE



## I-V CURVE



## QUALITY ASSURANCE



ISO 9001



ISO 14001



Fraunhofer

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