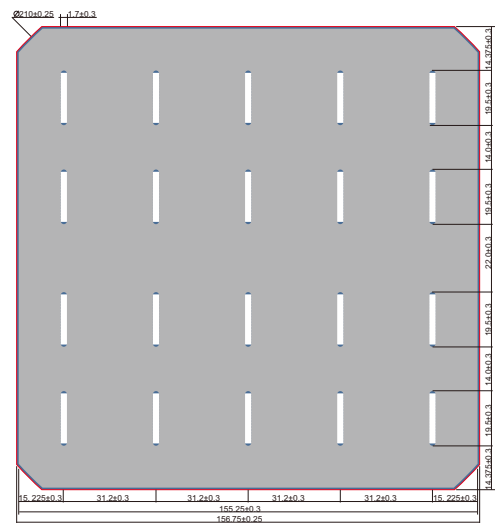
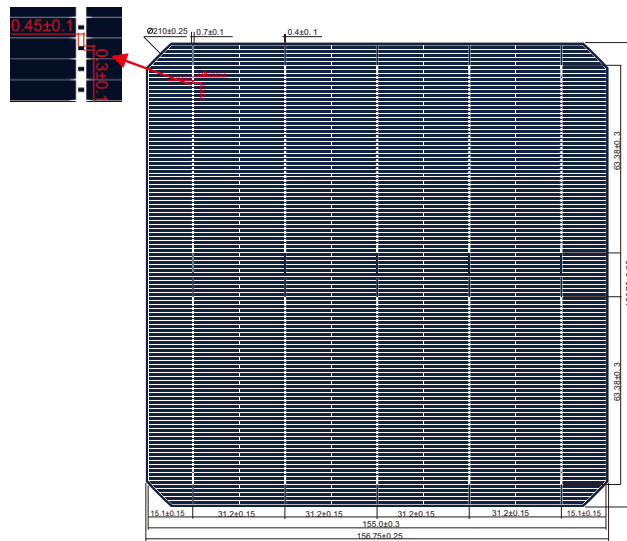


# DMPD5B157-210

## 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 soldering pads(Silver), Back surface field (Aluminium).

### 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)
≥22.4	5.47	0.581	9.425	0.683	9.948
22.3-22.4	5.45	0.580	9.406	0.682	9.937
22.2-22.3	5.42	0.578	9.387	0.681	9.922
22.1-22.2	5.40	0.577	9.373	0.680	9.901
22.0-22.1	5.37	0.575	9.359	0.678	9.895
21.9-22.0	5.35	0.574	9.348	0.676	9.882
21.8-21.9	5.32	0.572	9.340	0.674	9.874
21.7-21.8	5.30	0.570	9.318	0.673	9.848
21.6-21.7	5.28	0.569	9.297	0.673	9.842
21.5-21.6	5.25	0.568	9.241	0.672	9.840
21.4-21.5	5.23	0.567	9.232	0.671	9.831

Note: All the data above mentioned are collected by DMEGC technical team based on current production and testing conditions. All rights reserved by DMEGC.

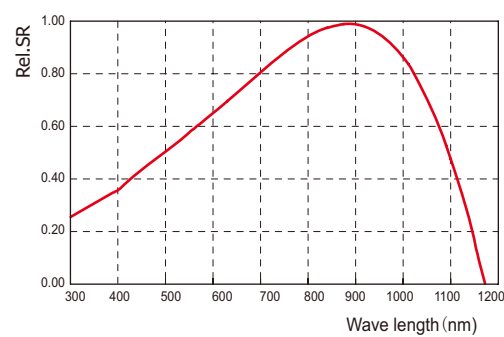
### INTENSITY DEPENDENCE

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

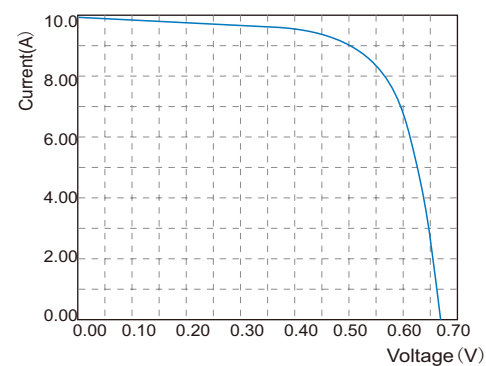
### TEMPERATURE CHARACTERISTICS

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



职业健康安全管理体系认证



Fraunhofer

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