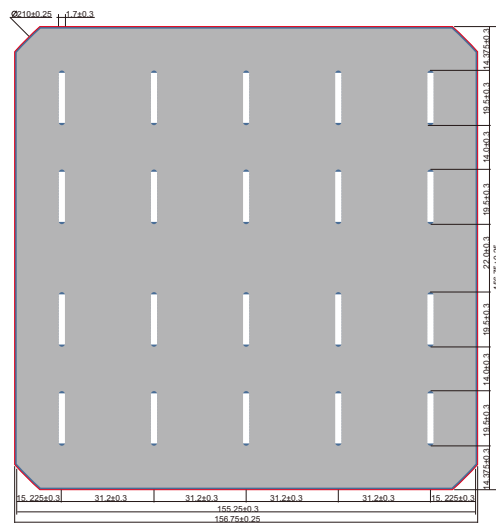
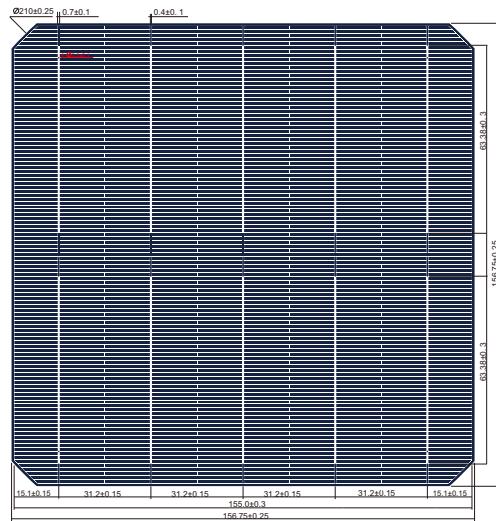


# DMPD5B157-210

## 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)
≥22.2	5.42	0.571	9.492	0.672	9.987
22.1-22.2	5.40	0.571	9.457	0.671	9.963
22.0-22.1	5.37	0.570	9.421	0.671	9.942
21.9-22.0	5.35	0.570	9.386	0.670	9.927
21.8-21.9	5.32	0.569	9.350	0.670	9.914
21.7-21.8	5.30	0.568	9.331	0.669	9.898
21.6-21.7	5.28	0.567	9.312	0.668	9.863
21.5-21.6	5.25	0.566	9.276	0.667	9.849
21.4-21.5	5.23	0.564	9.274	0.666	9.846
21.3-21.4	5.20	0.562	9.253	0.665	9.830
21.2-21.3	5.18	0.560	9.250	0.664	9.824

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

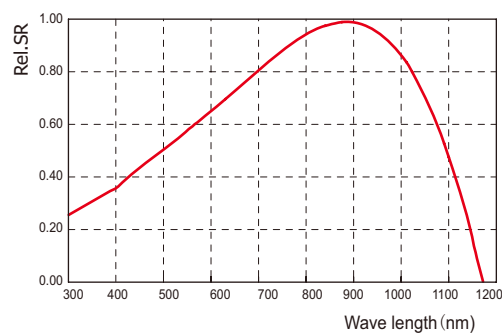
### INTENSITY DEPENDENCE

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

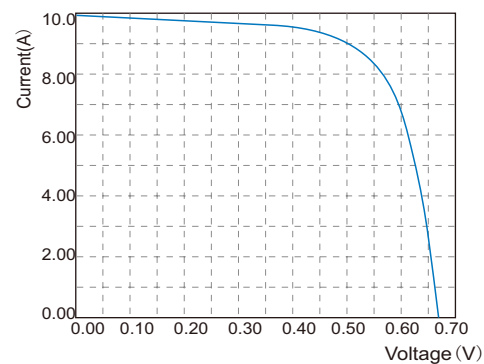
### TEMPERATURE CHARACTERISTICS

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