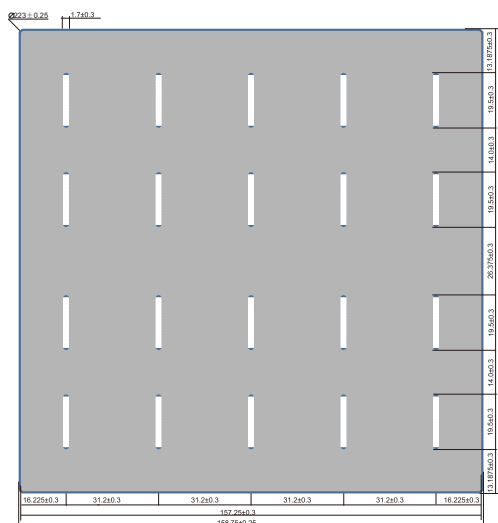
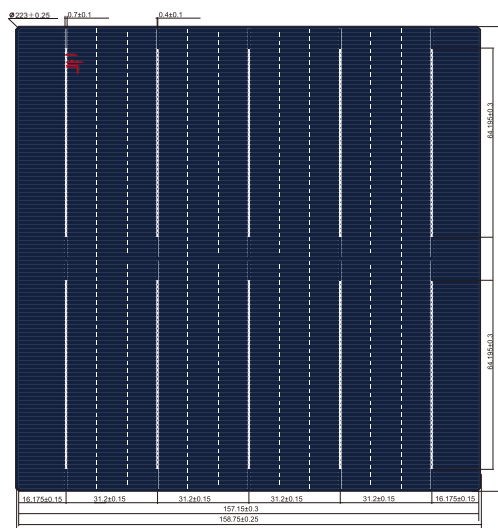


# DMPD5B159-223

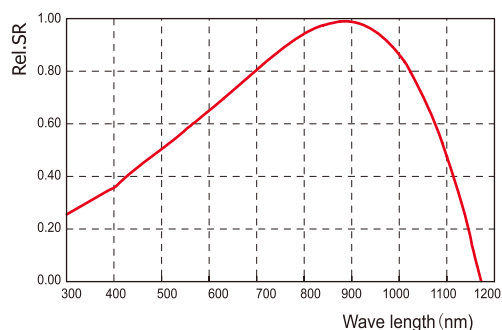
## MONO PERC CELL



### TEMPERATURE CHARACTERISTICS

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

### SPECTRAL RESPONSE



### BASIC INFORMATION

Format	158.75mm×158.75mm±0.25mm
Diameter	223mm±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

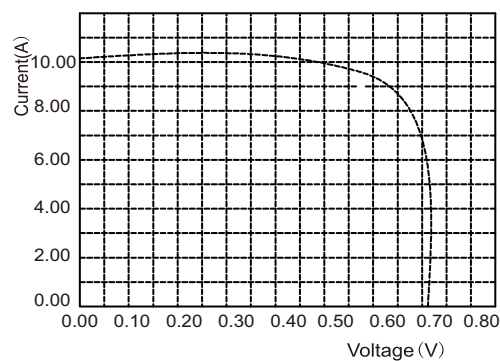
Efficiency NCell(%)	Maximum power Pmpp(W)	Peak voltage Vmp(V)	Peak current Imp(A)	Open-circuit voltage Voc(V)	Short-circuit current Isc(A)
≥22.7	5.72	0.587	9.745	0.687	10.183
22.6-22.7	5.69	0.586	9.718	0.686	10.171
22.5-22.6	5.67	0.585	9.692	0.685	10.160
22.4-22.5	5.64	0.584	9.665	0.684	10.152
22.3-22.4	5.62	0.584	9.622	0.683	10.140
22.2-22.3	5.59	0.583	9.596	0.682	10.125
22.1-22.2	5.57	0.581	9.585	0.681	10.110
22.0-22.1	5.54	0.580	9.558	0.680	10.100
21.9-22.0	5.52	0.578	9.548	0.678	10.092
21.8-21.9	5.49	0.576	9.537	0.676	10.084
21.7-21.8	5.47	0.574	9.526	0.675	10.077
21.6-21.7	5.44	0.573	9.499	0.674	10.063
21.5-21.6	5.42	0.572	9.472	0.673	10.051
21.4-21.5	5.39	0.571	9.444	0.673	10.038

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

### I-V CURVE



### QUALITY ASSURANCE



ISO 9001



ISO 14001



OHSAS 18000  
职业健康安全管理体系  
认证证书



Fraunhofer