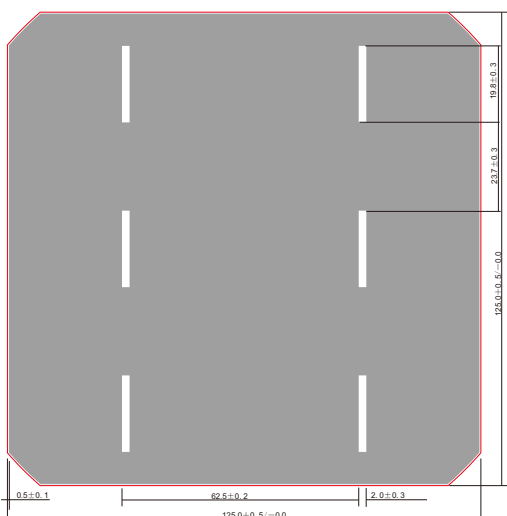
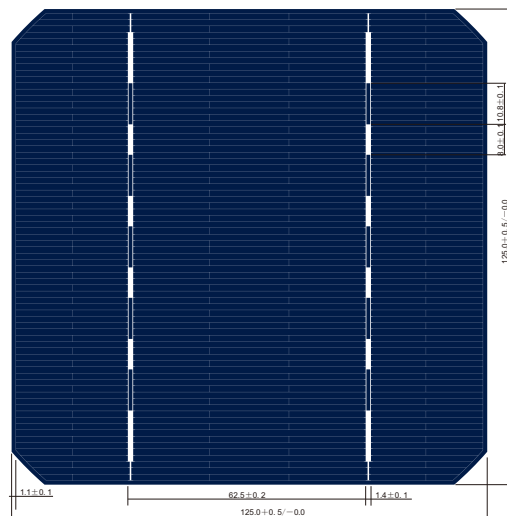


DMTD2B125-165

MONO SOLAR CELL



BASIC INFORMATION

Format	125mm×125mm+0.5mm/-0.0mm
Diameter	165mm±0.5mm
Thickness	190μm±30μm(Exclude of the front silver)
Front(-)	1.4mm wide bus bars,75 fingers, Blue SiNx anti-reflecting coating.
Back(+)	2.0mm wide soldering pads(Silver), Back surface field (Aluminium).

ELECTRICAL PARAMETERS

Efficiency	Maximum power	Peak voltage	Peak current	Open-circuit voltage	Short-circuit current
NCell(%)	Pmpp(W)	Vmp(V)	Imp(A)	Voc(V)	Isc(A)
≥20.0	3.08	0.541	5.693	0.642	5.965
19.9-20.0	3.06	0.540	5.668	0.641	5.942
19.8-19.9	3.05	0.539	5.659	0.641	5.923
19.7-19.8	3.03	0.539	5.621	0.640	5.907
19.6-19.7	3.01	0.538	5.595	0.640	5.887
19.5-19.6	3.00	0.538	5.576	0.639	5.863
19.4-19.5	2.98	0.537	5.549	0.639	5.848
19.3-19.4	2.97	0.537	5.531	0.638	5.829

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

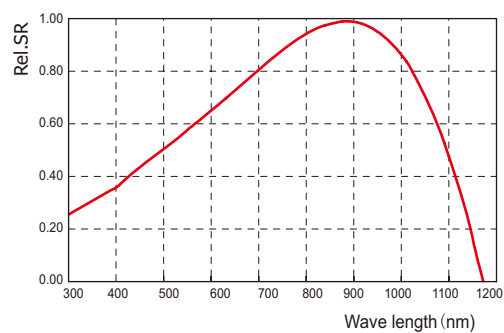
INTENSITY DEPENDENCE

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

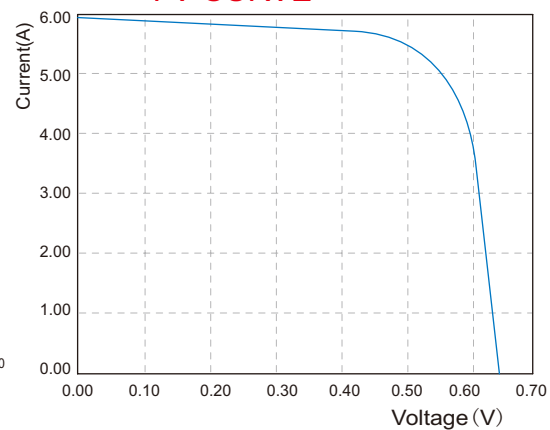
TEMPERATURE CHARACTERISTICS

ITEM	UNIT	VALUE
α_{Isc}	[%/°C]	0.043
β_{Voc}	[%/°C]	-0.320
γ_{Pmax}	[%/°C]	-0.420

SPECTRAL RESPONSE



I-V CURVE



QUALITY ASSURANCE



ISO 9001



ISO 14001



Fraunhofer

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD

Tel: 0086-579-8631 0730

www.dmegc.solar

Hengdian Industrial Zone, Dongyang, Zhejiang, China

E-mail: solar@dmegc.com.cn

www.chinadmegc.com

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