



P058041G06A01(Component-57.7*41.3mm-0.27w)

1. Electrical Parameters (STC)

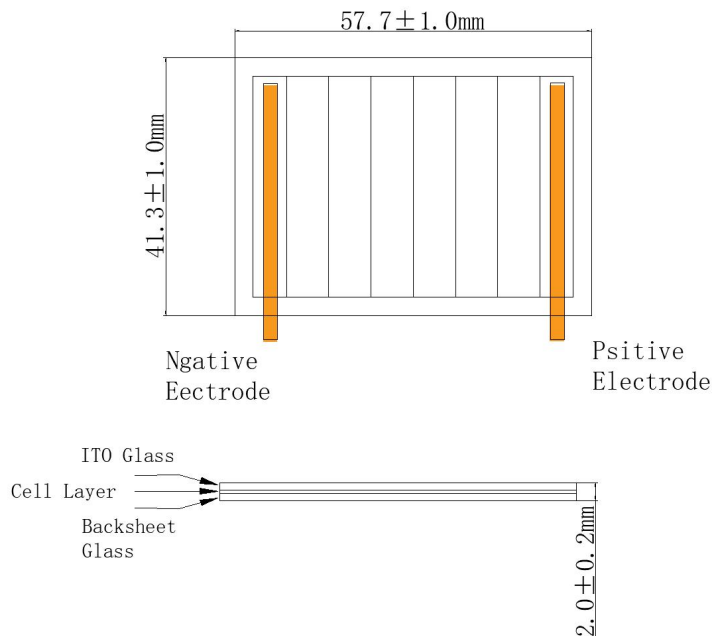
Maximum power -Pmax[W]	0.27
Voltage at Maximum Power -Vpm[V]	5.51
Current at Maximum Power -Ipm[A]	0.049
Open-Circuit Voltage -Voc[V]	6.67
Short-Circuit Current -Isc[A]	0.053
Module efficiency [%]	20%
Power tolerance [%]	-5% to +Nominal

Test Conditions (STC):

Air Mass AM 1.5, Irradiance 1000 W/m², Cell Temperature 25 °C

2. Mechanical Structure

Cell arrangement	6 cells
Module dimensions	57.7*41.3*2mm
Weight	11 g
Front Glass	0.7mm ITO glass
Back Glass	0.7mm glass
Output Terminals	0.1mm Zn-plated copper conductive tape

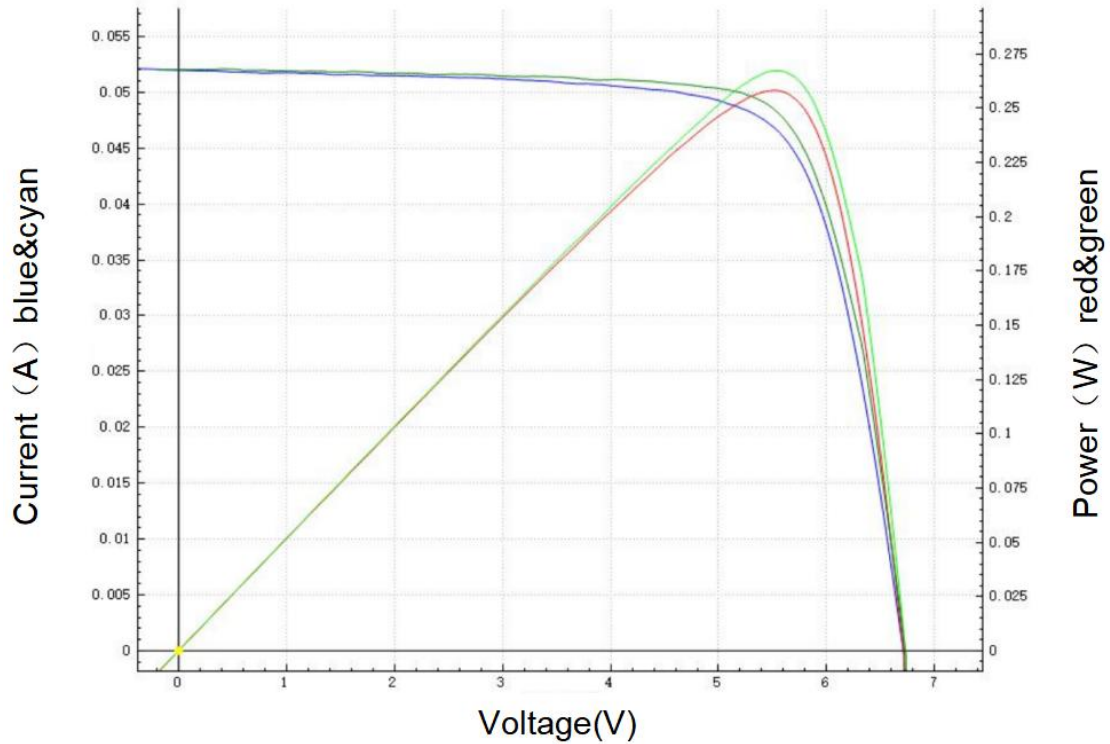


3. Temperature Characteristics

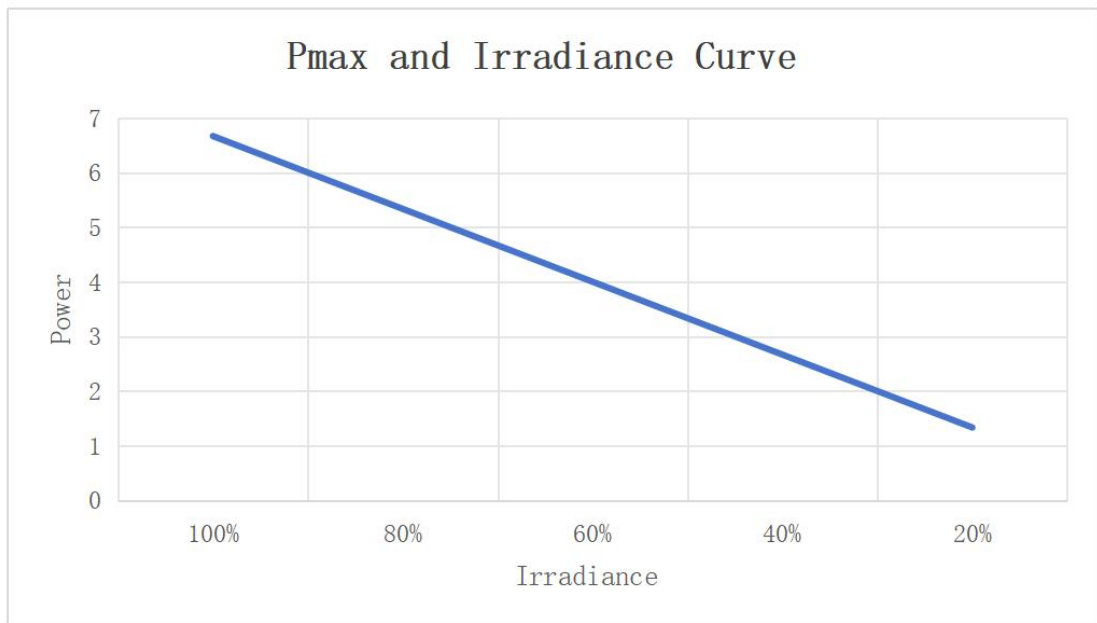
Nominal Operating Cell Temperature (NMOT)	25±2 °C
Operating Temperature Range	-40 to 85 °C
Temperature Coefficient of Pmax	-0.10 %/°C
Temperature Coefficient of Voc	-0.10 %/°C

Temperature coefficient of Isc	-0.04 %/°C
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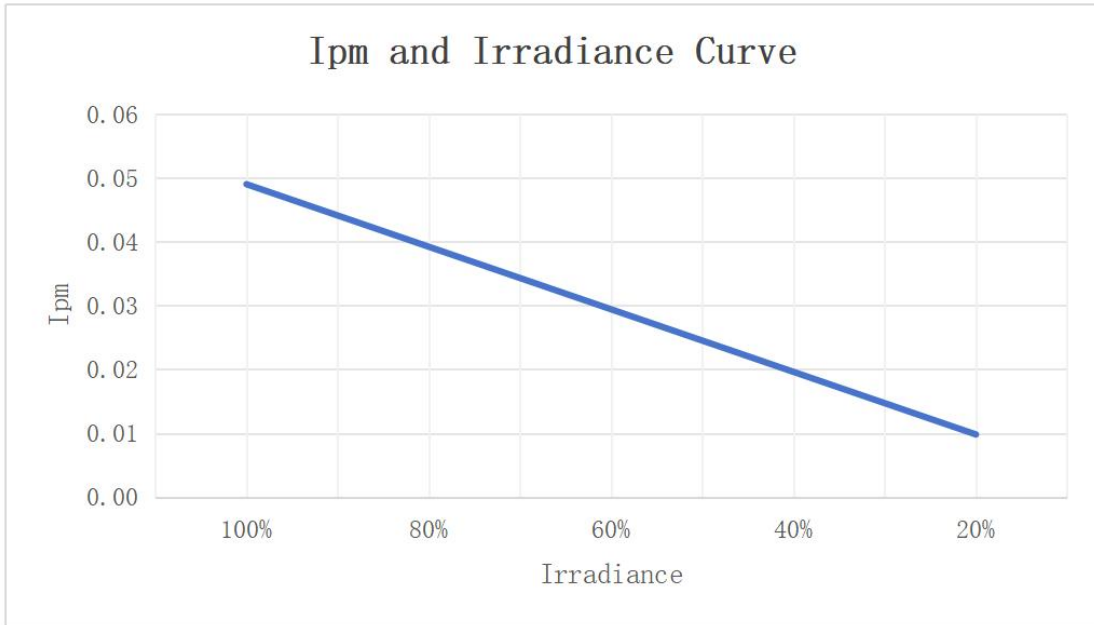
4. Characteristics Curves



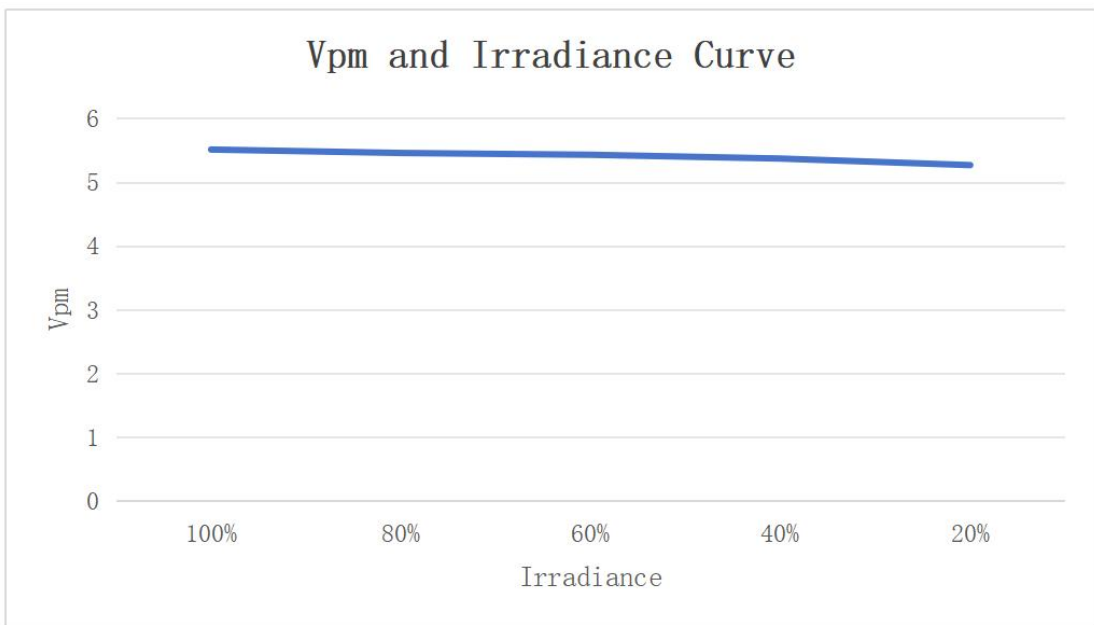
(Current-Voltage, Voltage-Power Curve)



(Pmax-Irradiance Curve)



(I_{pm}-Irradiance Curve)



(V_{pm}-Irradiance Curve)