出力の照度依存特性

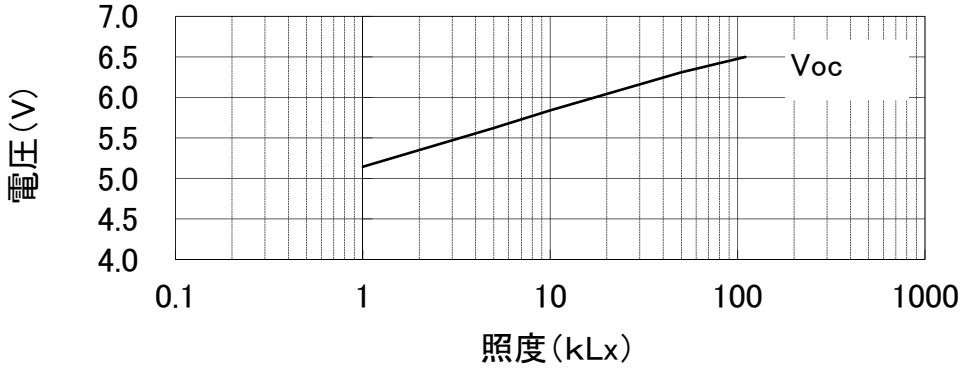
REFERENCE

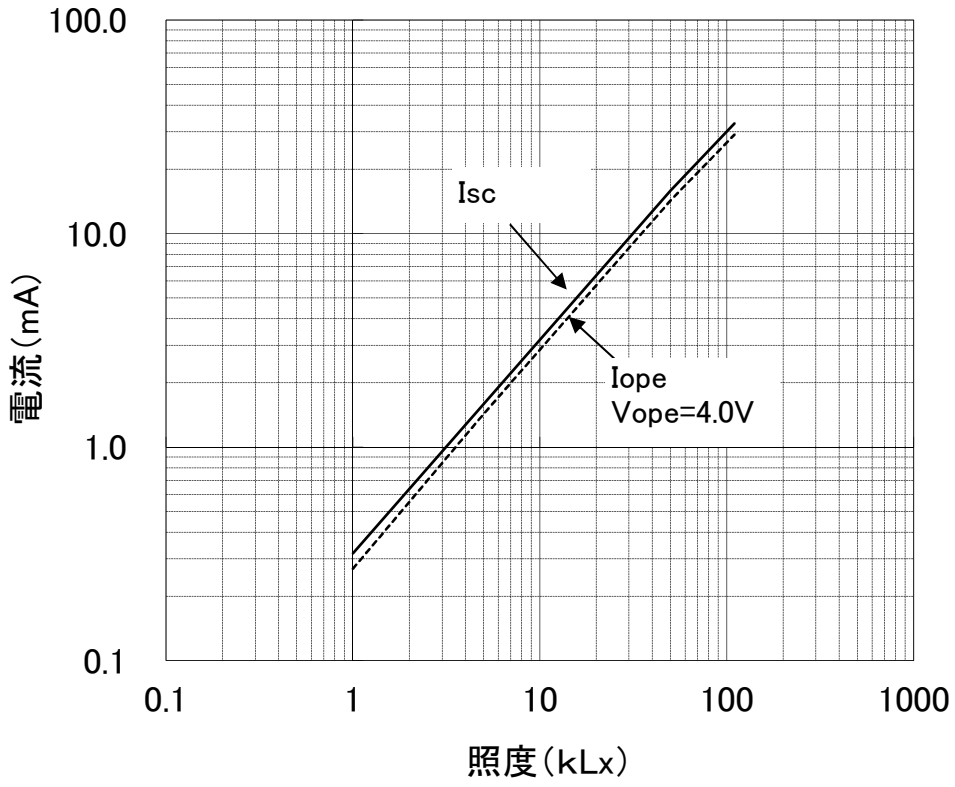
Dependence of Output on Illumination

1.Model : AT-7802

2.Outside Dimension : 73.0mm × 42.0mm

SS:Solar Simulator





*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。

*The data are meant to show standard electric characteristics only , not intended to guarantee the characteristics.

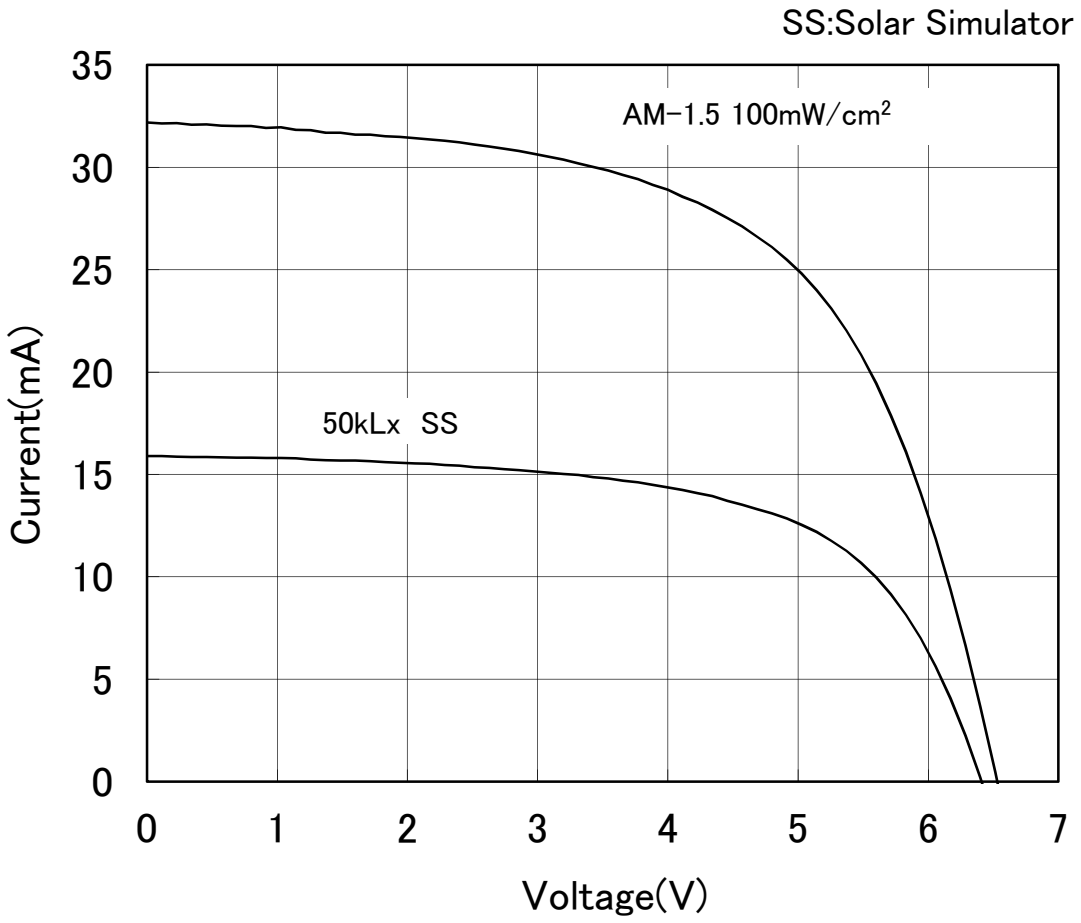
Panasonic Solar Amorton Co.,Ltd.

2019/7/9

I－V Characteristics

REFERENCE

1.Model : AT-7802
2.Outside Dimension : 73.0mm × 42.0mm



*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。

*The data are meant to show standard electric characteristics only , not intended to guarantee the characteristics.

Panasonic Solar Amorton Co.,Ltd.

2019/7/9

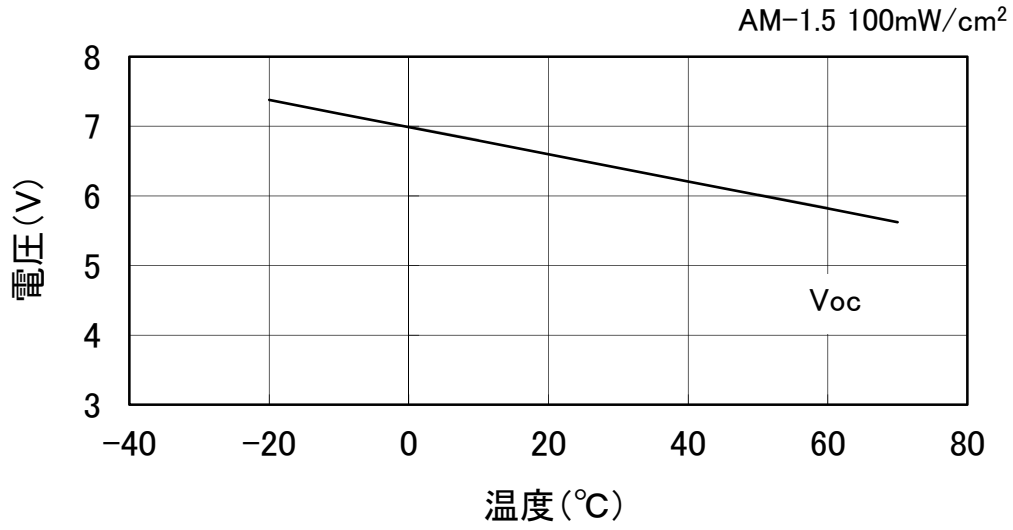
出力の温度依存特性

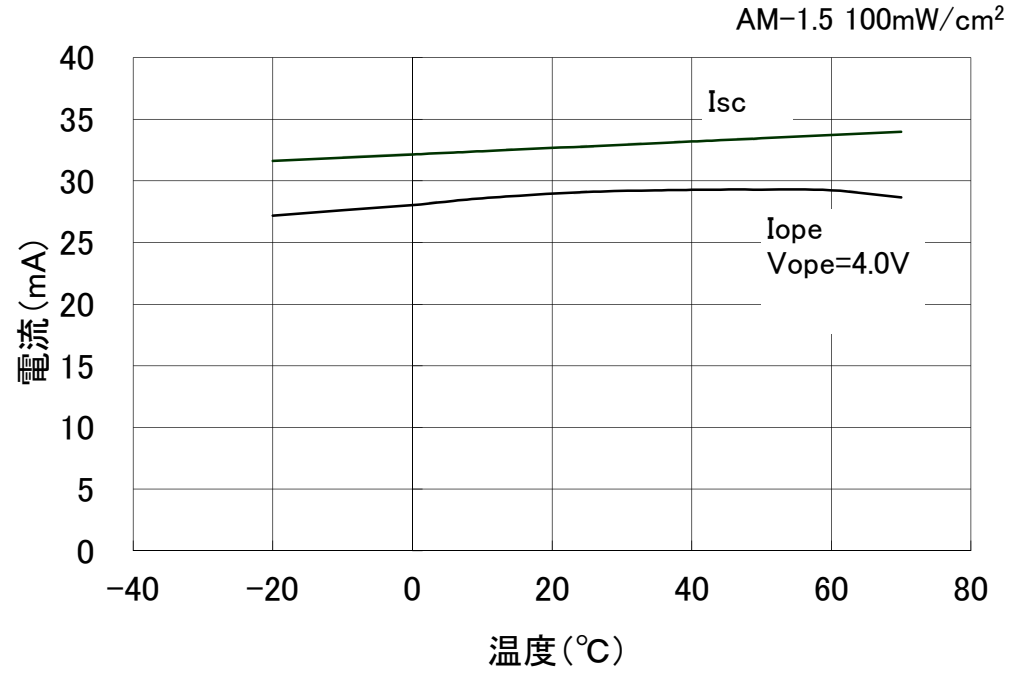
REFERENCE

Dependence of Output on Temperature

1.Model : AT-7802

2.Outside Dimension : 73.0mm × 42.0mm





*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。

*The data are meant to show standard electric characteristics only , not intended to guarantee the characteristics.

Panasonic Solar Amorton Co.,Ltd.

2019/7/9

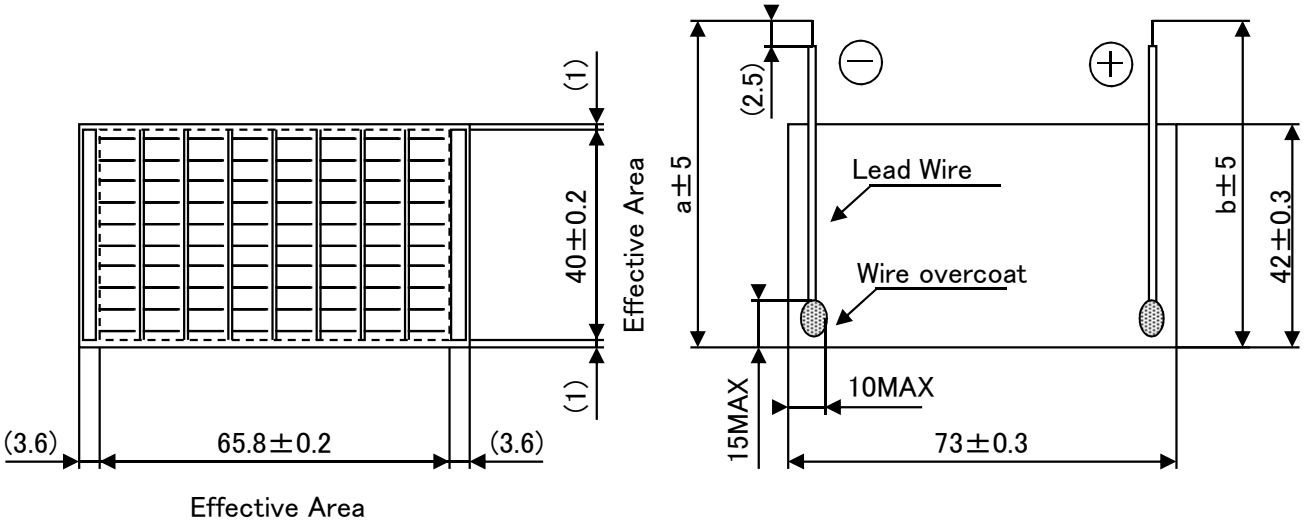
Amorphous Silicon Solar Cells Speccification

アモルファスシリコン太陽電池　仕様

Model: AT-7802

1.Outside dimensions 外形寸法

Light Receiving Side(受光面)　　Back Side(裏面)



(Dimension:mm)

LEAD WIRES: AWG30	
a: 105	b: 105

Note
Module Thickness(ﾓｼﾞｭｰﾙ厚) : 0.3mm±0.1
Wire-Overcoat Thickness : 2.0mmMAX(including Module)

2.Rated Specifications(at 25℃)

Items	Specifications(Initial)			
2.1 Opencircuit voltage:Voc 開放電圧	Typical	6.3 V		at 50kLx SS
2.2 Short circuit Current:Isc 短絡電流	Typical	15.9 mA		at 50kLx SS
2.3 Operating Voltage & Operating Current: Vope-Iope 動作特性	Minimum	4.0 V-	11.0 mA	at 50kLx SS
	Typical	4.0 V-	14.3 mA	at 50kLx SS
	Typical	4.0 V-	29.7 mA	at AM-1.5 100mW/cm^2
2.4 Maximum output : Pmax & optimum operating volt:Vop optimum operating carrent:Iop 最大出力	(reference)	62mW	Vop= 4.8V Iop= 12.9mA	at 50kLx SS
	(reference)	127mW	Vop= 4.8V Iop= 26.4mA	at AM-1.5 100mW/cm^2
2.5 Working temperature range 動作温度範囲	-10 to 60℃			
2.6 Storage temperature range 保存温度範囲	-20 to 70℃			

SS:Solar Simulator