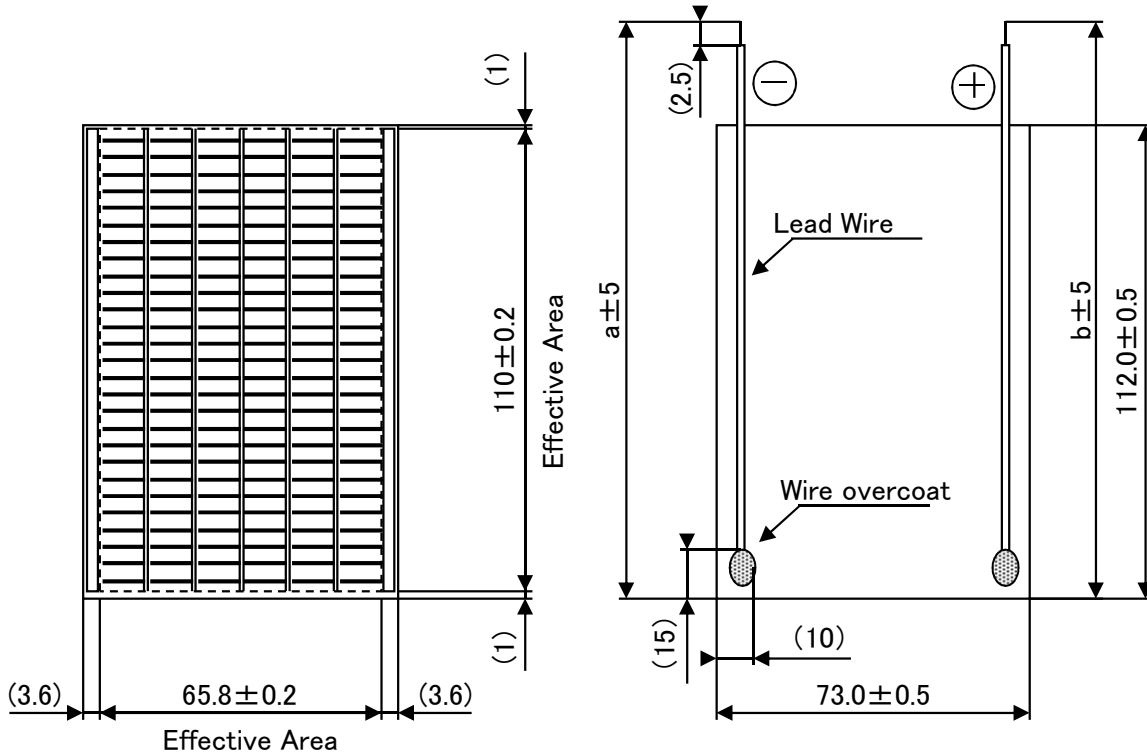


Amorphous Silicon Solar Cells Specification

アモルファスシリコン太陽電池 仕様

Model: AT-7664A

1. Outside dimensions 外形寸法
Light Receiving Side(受光面)



(Dimension:mm)

LEAD WIRES: AWG30	
a: 105	b: 105

Note

Module Thickness(モジュール厚) : $0.3\text{mm} \pm 0.1$

Wire-Overcoat Thickness : 2.0mmMAX (including Module)

2. Rated Specifications(at 25°C)

Items	Specifications(Initial)		
2.1 Opencircuit voltage:Voc 開放電圧	Typical	4.7 V	at 50kLx SS
2.2 Short circuit Current:Isc 短絡電流	Typical	52.9 mA	at 50kLx SS
2.3 Operating Voltage & Operating Current: Vope-Iope 動作特性	Minimum	3.0 V- 39.1 mA	at 50kLx SS
	Typical	3.0 V- 46.5 mA	at 50kLx SS
	Typical	3.0 V- 104.0 mA	at AM-1.5 $100\text{mW}/\text{cm}^2$
2.4 Maximum output : Pmax & optimum operating volt:Vop optimum operating current:Iop 最大出力	(reference)	156mW	Vop= 3.6V Iop= 43.3mA at 50kLx SS
	(reference)	335mW	Vop= 3.6V Iop= 93.0mA at AM-1.5 $100\text{mW}/\text{cm}^2$
2.5 Working temperature range 動作温度範囲	-10 to 60°C		
2.6 Storage temperature range 保存温度範囲	-20 to 70°C		

SS:Solar Simulator

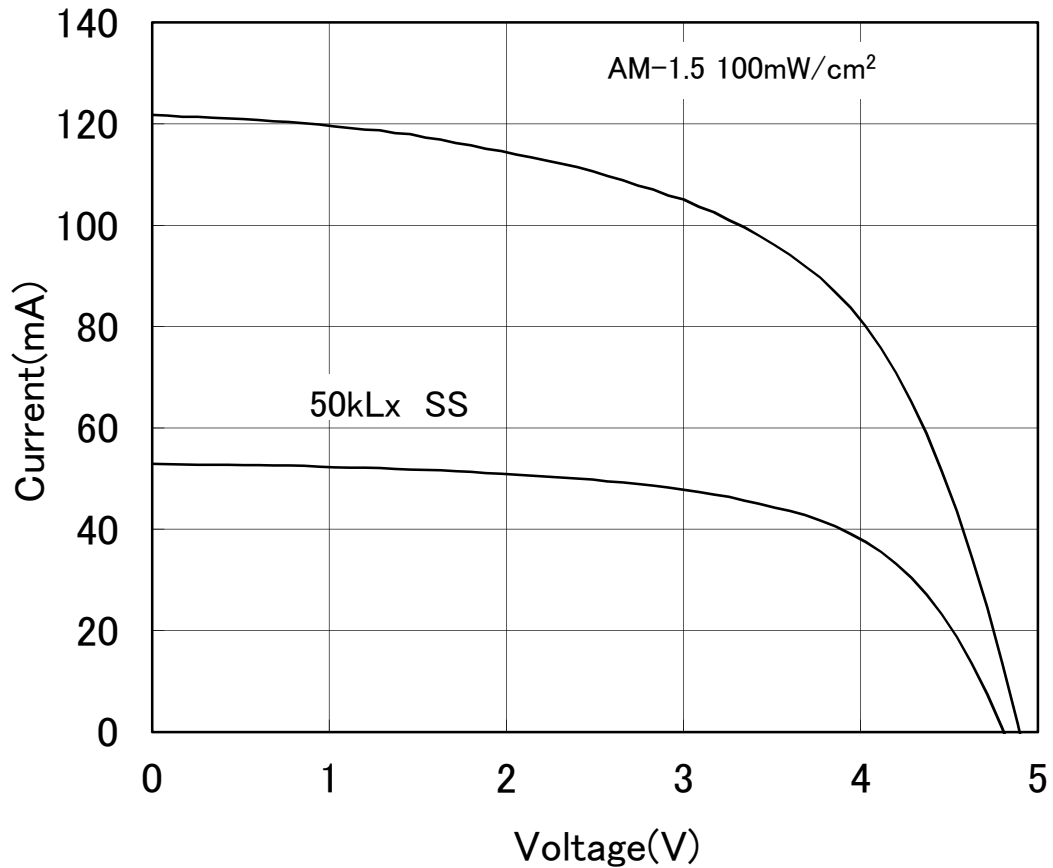
I - V Characteristics

REFERENCE

1. Model : AT-7664A

2. Outside Dimension : 73.0mm × 112.0mm

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

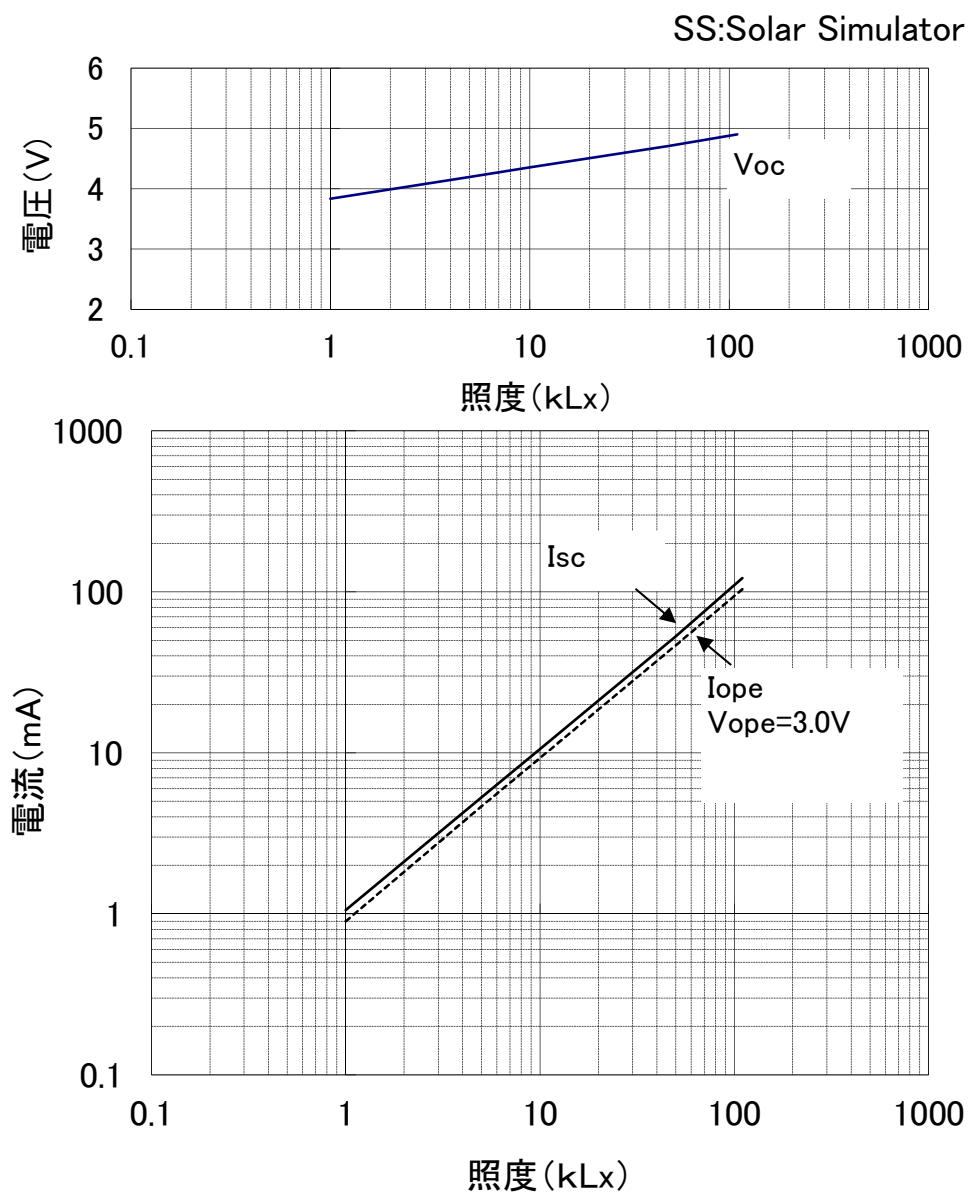
出力の照度依存特性

REFERENCE

Dependence of Output on Illumination

1.Model : AT-7664A

2.Outside Dimension : 73.0mm × 112.0mm



*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

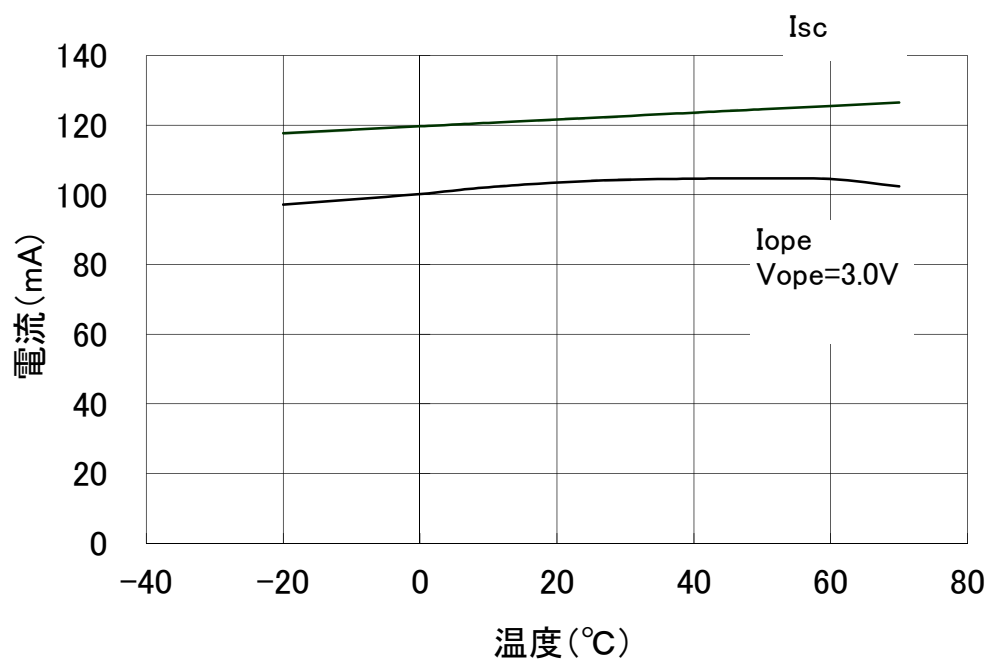
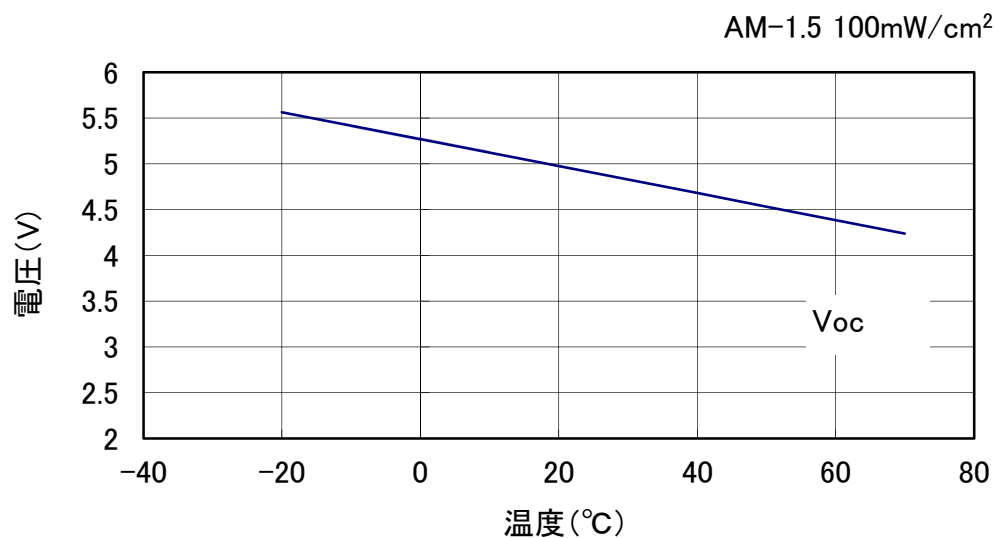
出力の温度依存特性

REFERENCE

Dependence of Output on Temperature

1.Model : AT-7664A

2.Outside Dimension : 73.0mm × 112.0mm



*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.