

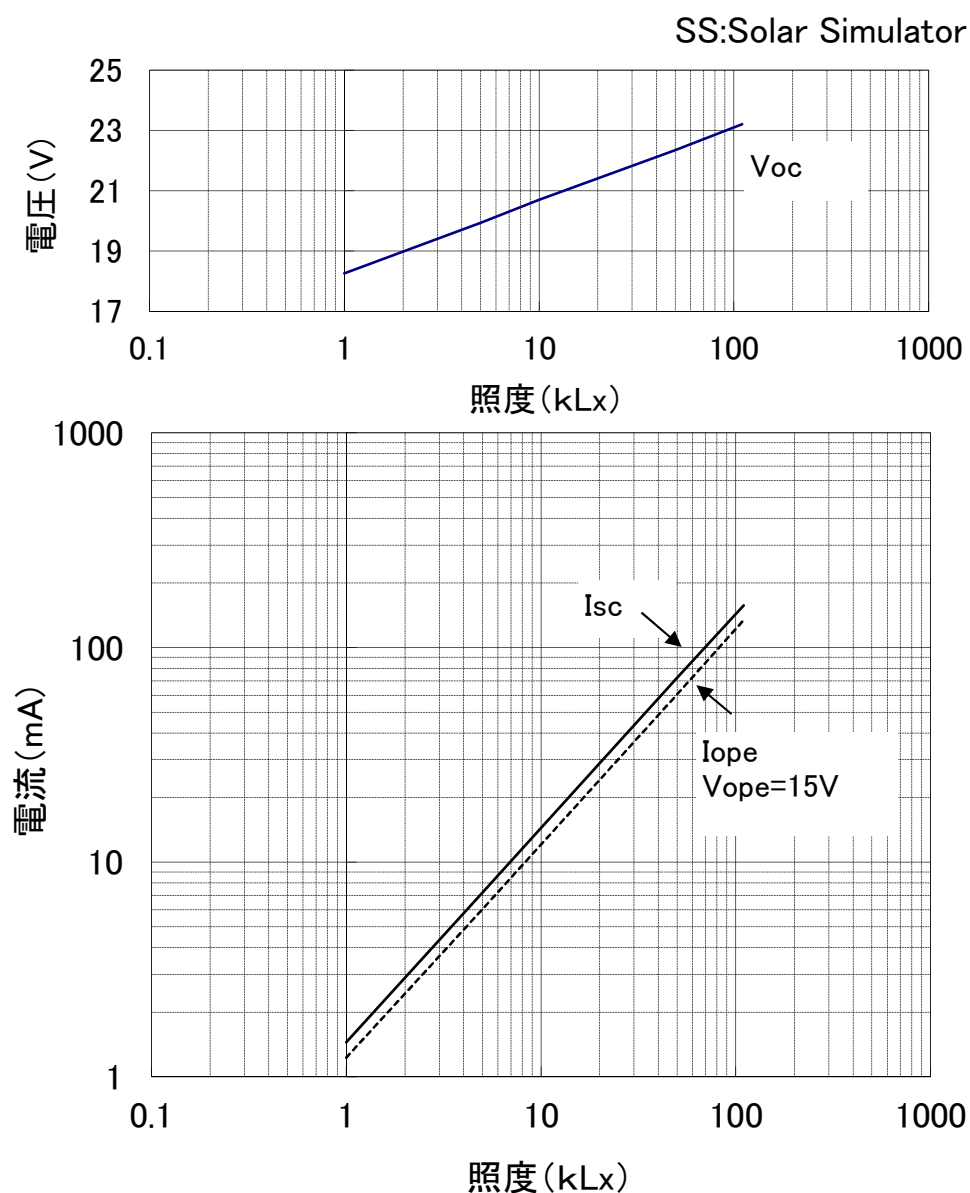
出力の照度依存特性

REFERENCE

Dependence of Output on Illumination

1.Model : AT-7S63A

2.Outside Dimension : 292.0mm × 168.0mm



*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

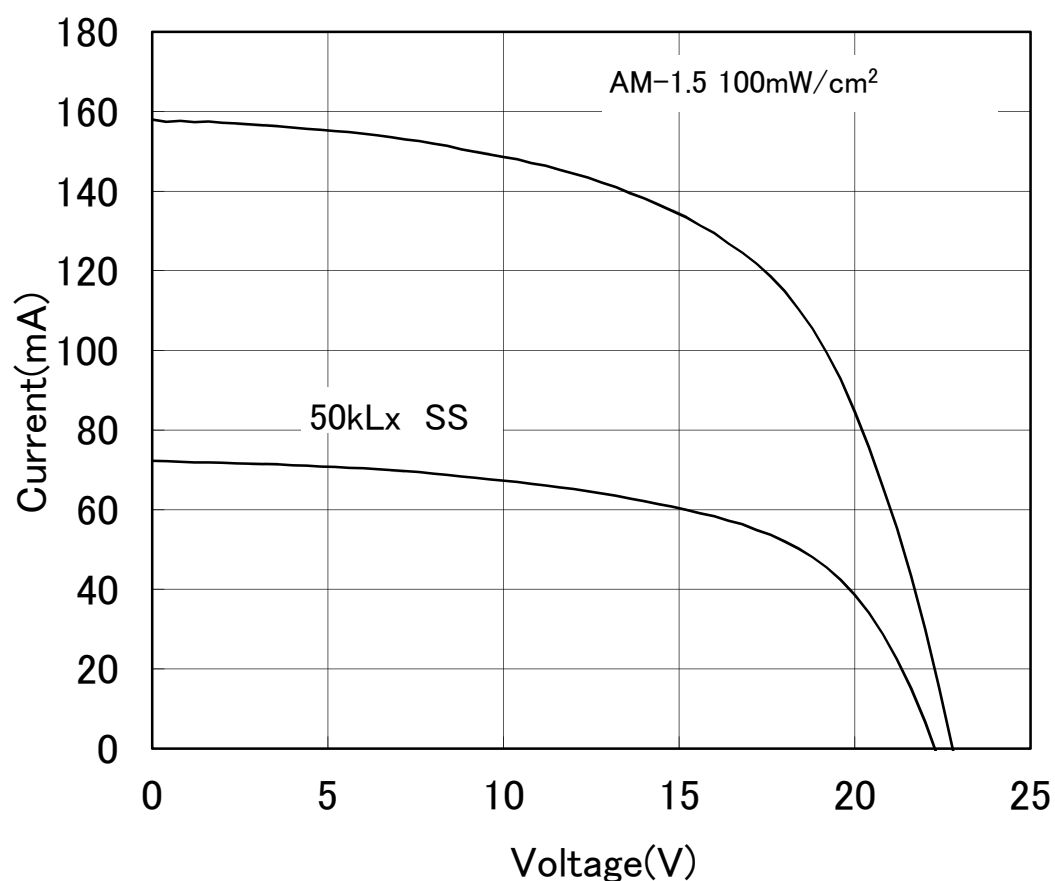
I – V Characteristics

REFERENCE

1.Model : AT-7S63A

2.Outside Dimension : 292.0mm × 168.0mm

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.

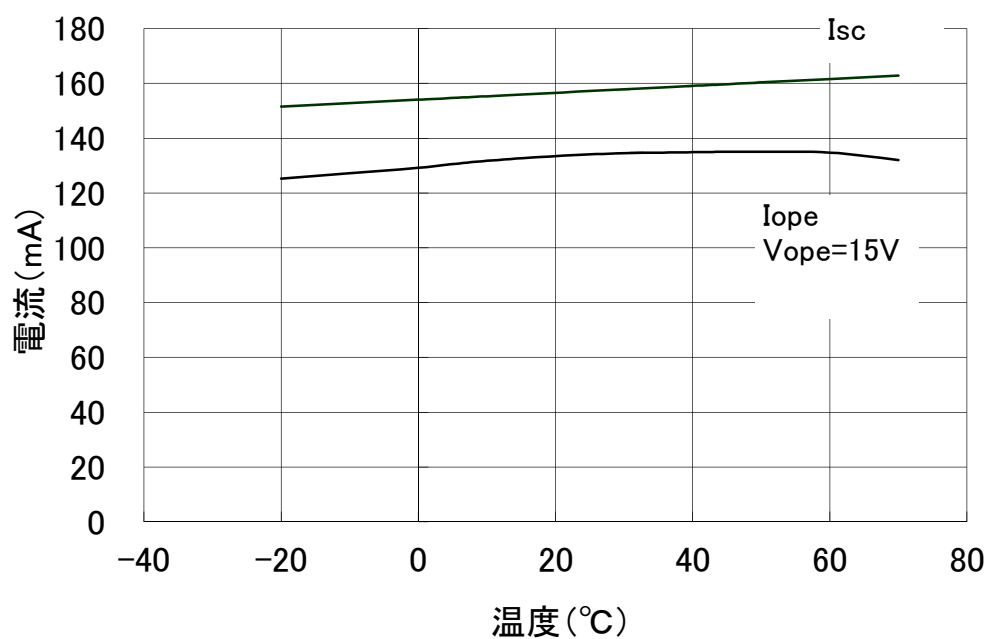
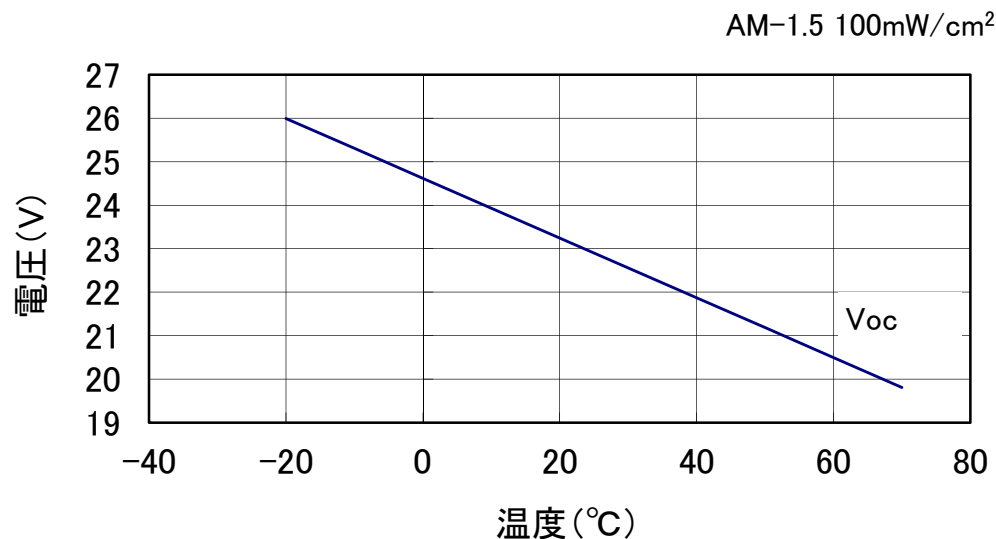
出力の温度依存特性

REFERENCE

Dependence of Output on Temperature

1.Model : AT-7S63A

2.Outside Dimension : 292.0mm × 168.0mm



*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.

Amorphous Silicon Solar Cells Speccification

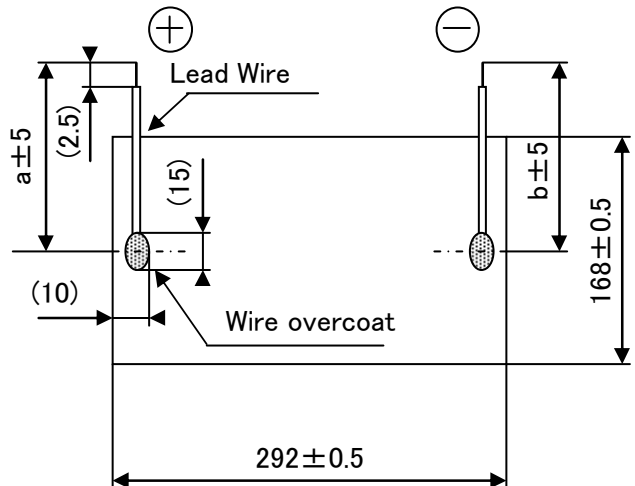
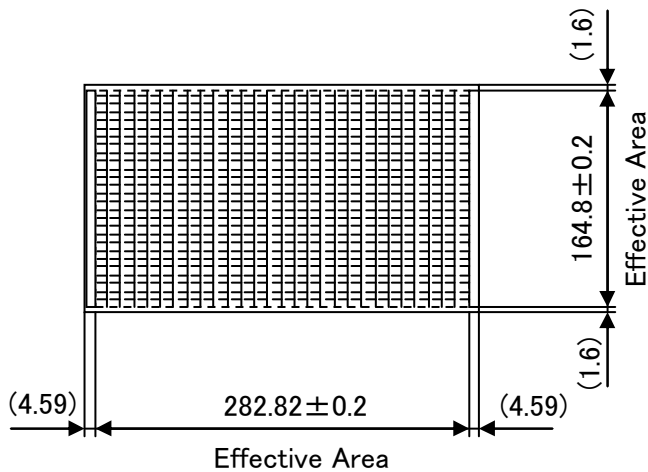
アモルファスシリコン太陽電池 仕様

Model: AT-7S63A

1.Outside dimensions 外形寸法

Light Receiving Side(受光面)

Back Side(裏面)



(Dimension:mm)

LEAD WIRES: AWG28

a: 155 b: 155

Note

Module Thickness(モジュール厚) : 0.3mm ± 0.1

Wire-Overcoat Thickness : 2.0mmMAX(including Module)

(リード線補正コート部厚)

2.Rated Specifications(at 25°C)

Items	Specifications(Initial)			
2.1 Opencircuit voltage:Voc 開放電圧	Typical	22.0 V	at 50kLx SS	
2.2 Short circuit Current:Isc 短絡電流	Typical	72.3 mA	at 50kLx SS	
2.3 Operating Voltage & Operating Current: Vo _{pe} -Io _{pe} 動作特性	Minimum	15.0 V-	50.5 mA	at 50kLx SS
	Typical	15.0 V-	60.5 mA	at 50kLx SS
	Typical	15.0 V-	134.0 mA	at AM-1.5 100mW/cm ²
2.4 Maximum output : P _{max} & optimum operating volt:V _{op} optimum operating current:I _{op} 最大出力	(reference)	980mW	V _{op} = 16.8V I _{op} = 58.3mA	at 50kLx SS
	(reference)	2104mW	V _{op} = 16.8V I _{op} = 125.2mA	at AM-1.5 100mW/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