

Amorphous Silicon Solar Cells Specification

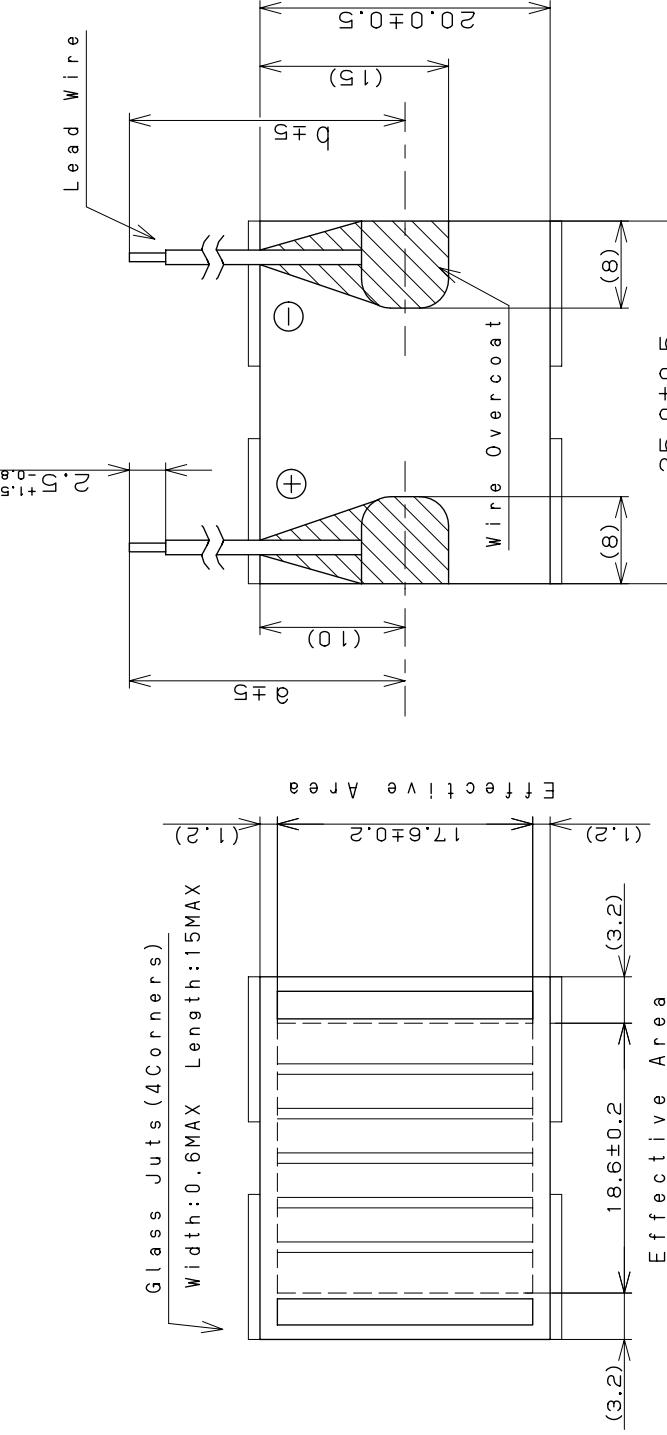
アモルファスシリコン太陽電池仕様

Model : AM-5610CAR

1. Outside dimensions 外形寸法

Light Receiving Side (受光面)

Overcoat Side (オーバークート面)



(dimension:mm)

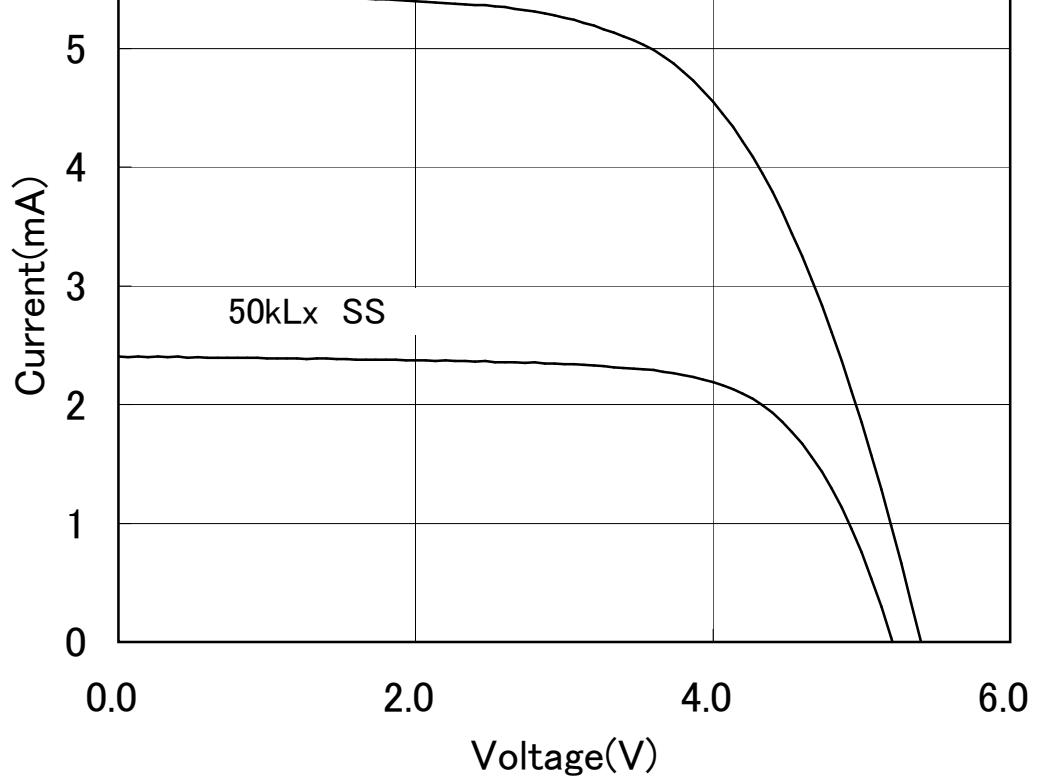
Lead Wires : AWG30		
a:70	b:70	

2. Rated Specifications (at 25°C)

Item	Specifications (Initial)	
2.1 Open circuit voltage:Voc 開放電圧	Typical	5.1V at 50kLx SS
2.2 Short circuit Current:Isc 短絡電流	Typical	2.4mA at 50kLx SS
2.3 Operating Voltage & Operating Current:Vope-lope 動作特性	Minimum Typical Typical	3.0V 3.3V 3.3V - - -
		1.7mA 2.3mA 5.1mA - - -
2.4 Maximum output:Pmax & optimum operating Volt:Vop optimum operating Current:Iop 最大出力	(reference) (reference)	Vop=3.9V Iop=2.2mA Vop=3.9V Iop=4.6mA at AM-1.5 100mW/cm²
2.5 Working temperature range:T _{work} 動作温度範囲	-10	t ₀ 60°C
2.6 Storage temperature range:T _{stg} 保存温度範囲	-20	t ₀ 70°C

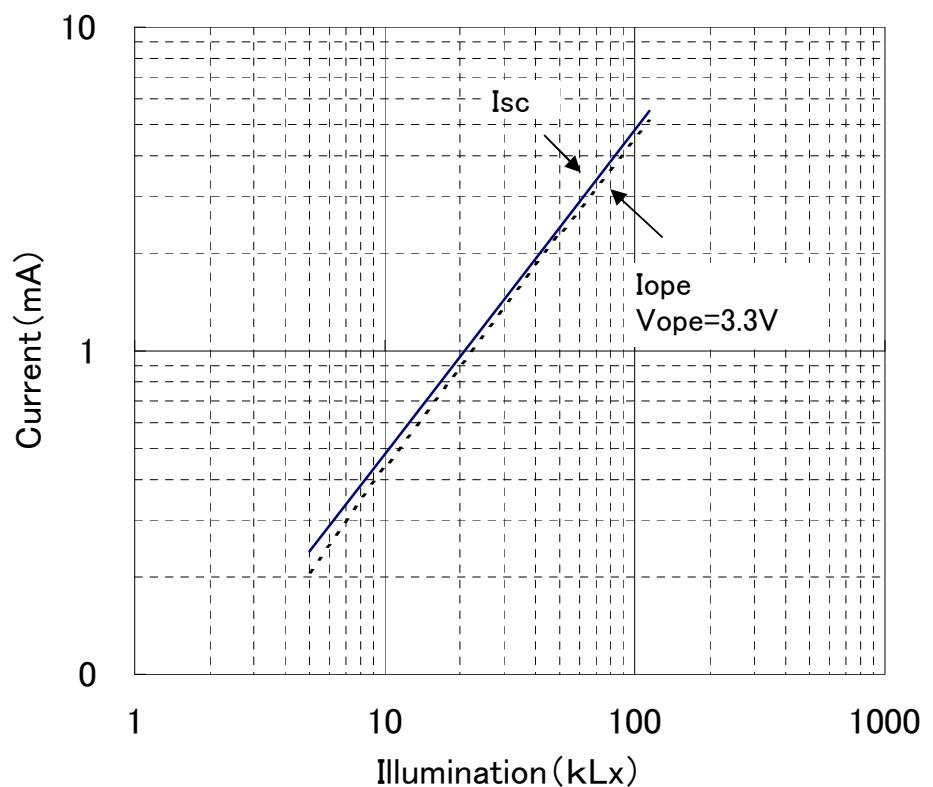
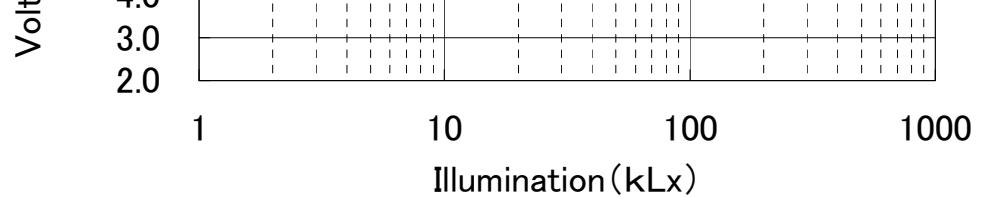
Panasonic Eco Solutions Amerton Co., Ltd.

SS:Solar Simulator



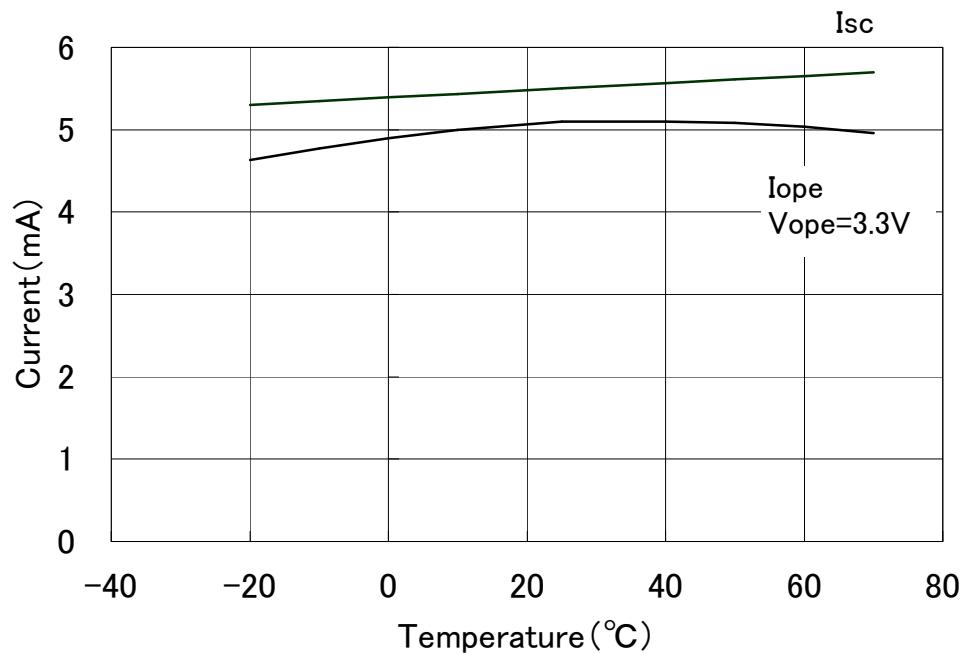
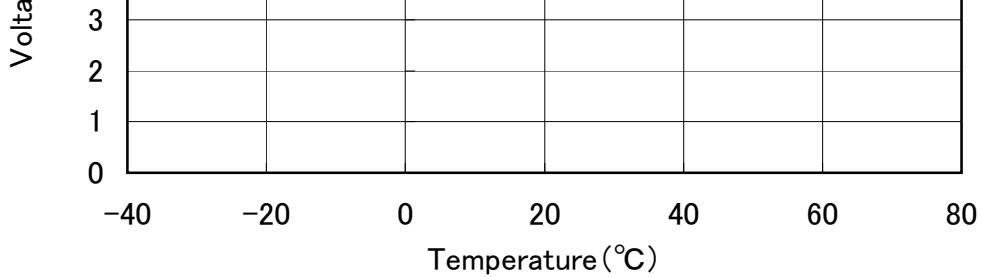
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