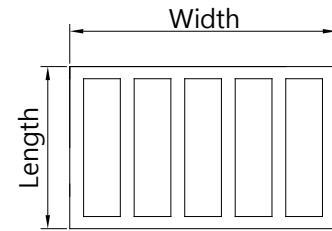


Features:

Copes easily with devices required drive voltage

Since multiple cells can be simultaneously connected in a series when the solar cells are formed, unlike the fabrication technique used with crystalline silicon solar cells in which multiple solar cells are severed and connected, it is easy to create cells with a variety of voltages.

Outline Dimension:



View of Electrical Properties of Amorton:

Voc : Open-circuit voltage

Isc : Short-circuit current

Vpm : Optimum power operating voltage

Ipm : Optimum power operating current

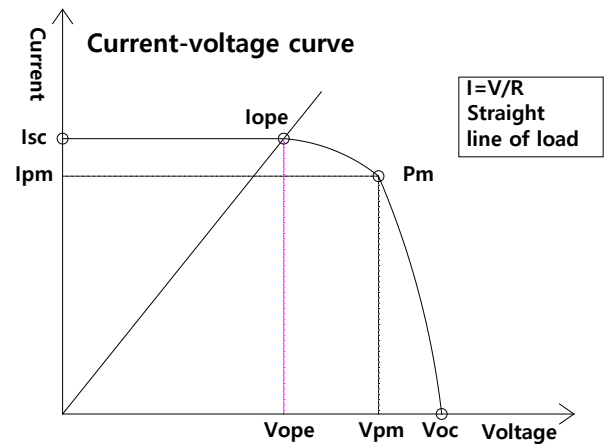
Pm : Maximum power = Vpm x Ipm

Vopec : Operating voltage (specified voltage)

Iope : Operating current

※ Current drastically changes under Vpm or higher.

For keeping the stable current under the anticipated illumination level, set the Vopec as high as or lower than the Vpm.



Specification and Selection Table:

Item No.	Dimension (L*W*T)	Cells	Operating Current	Power	Short Circuit Current(Isc)	Operating Voltage	Open Circuit Voltage	Applications Cell
OSSFA40304P	40*30*2.2mm	4	55mA	0.11W	58mA	2.0V	2.4V	1.2V
OSSFA72564P	72*56*2.2mm	4	275mA	0.55W	290mA	2.0V	2.4V	1.2V
OSSFA85824P	85*82*2.2mm	4	550mA	1.1W	580mA	2.0V	2.4V	1.2V
OSSFA53409P	53*40*2.2mm	9	55mA	0.25W	58mA	4.5V	5.4V	3.0V
OSSFAA0829P	102*82*2.2mm	9	275mA	1.24W	290mA	4.5V	5.4V	3.0V
OSSFAA8829P	180*82*2.2mm	9	550mA	2.5W	580mA	4.5V	5.4V	3.0V
OSSFA6540BP	65*40*2.2mm	11	55mA	0.3W	58mA	5.5V	6.6V	3.7V
OSSFAA382BP	125*82*2.2mm	11	275mA	1.5W	290mA	5.5V	6.6V	3.7V
OSSFAA2A6BP	122*162*2.2mm	11	550mA	3.0W	580mA	5.5V	6.6V	3.7V
OSSFA7640EP	76*40*2.2mm	14	55mA	0.39W	58mA	7.0V	8.4V	5.0V
OSSFAA682EP	156*82*2.2mm	14	275mA	1.92W	290mA	7.0V	8.4V	5.0V
OSSFAA6A4EP	162*140*2.2mm	14	550mA	4.0W	580mA	7.0V	8.4V	5.0V
OSSFA9840JP	98*40*2.2mm	18	55mA	0.5W	58mA	9.0V	10.8V	6.0V
OSSFAA982JP	185*82*2.2mm	18	275mA	2.5W	290mA	9.0V	10.8V	6.0V
OSSFAA9A6JP	190*162*2.2mm	18	550mA	4.95W	580mA	9.0V	10.8V	6.0V
OSSFAA140LP	108*40*2.2mm	20	55mA	0.55W	58mA	10.0V	12.0V	7.2V
OSSFAA6A1LP	162*113*2.2mm	20	275mA	2.75W	290mA	10.0V	12.0V	7.2V
OSSFABIA6LP	210*162*2.2mm	20	550mA	5.5W	580mA	10.0V	12.0V	7.2V