



Solar Panels

HIT

Solar Panel VBHN325SJ47

Electrical data (at STC)	Max. Power	(Pmax)	[W]	325
	Max. Power voltage	(Vmp)	[V]	57.6
	Max. Power current	(Imp)	[A]	5.65
	Open circuit voltage	(Voc)	[V]	69.6
	Short circuit current	(Isc)	[A]	6.03
	Max. Over current rating		[A]	15
	Power tolerance		[%]	+10/-0*
	Max. System voltage		[V]	1000
Note:			Standard Test Conditions: Air mass 1.5; Irradiance = 1000W/m2; cell temp. 25°C * Maximum power at delivery. For guarantee conditions, please check our guarantee document.	
Temperature characteristics	Temperature	(NOCT)	[°C]	44.0
	Temp. coefficient of Pmax		[%/°C]	-0.29
	Temp. coefficient of Voc		[V/°C]	-0.174
	Temp. coefficient of Isc		[mA/°C]	1.81
At NOCT (Normal Operating Conditions)	Max. Power	(Pmax)	[W]	247.8
	Max. power voltage	(Vmp)	[V]	55.9
	Max. power current	(Imp)	[A]	4.50
	Open circuit voltage	(Voc)	[V]	65.7
	Short circuit current	(Isc)	[A]	4.86

Note:				Normal Operating Cell Temp.: Air mass 1.5; Irradiance = 800W/m ² ; Air temperature 20°C; wind speed 1 m/s
At low irradiance (20%)	Max. Power	(P _{max})	[W]	62.3
	Max. power voltage	(V _{mp})	[V]	56.4
	Max. power current	(I _{mp})	[A]	1.10
	Open circuit voltage	(V _{oc})	[V]	65.3
	Short circuit current	(I _{sc})	[A]	1.21
Note:				Low irradiance: Air mass 1.5; Irradiance = 200W/m ² ; cell temp. = 25°C

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