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# EnergyPal

## **Solar Panel Guide Specification Data Sheet**

**HighFlex™ Solar Inc**

**HF68-6-8**

**HF68-6-8**

Also available on the web at  
[EnergyPal.com/highflex-solar-inc-solar-panels/hf68-6-8](http://EnergyPal.com/highflex-solar-inc-solar-panels/hf68-6-8)

## High Efficiency, Lightweight, Flexible Photovoltaic Modules

Model Type: **HF68-6-8**

### FEATURES

- High efficiency, light weight mono crystalline cells
- Flexible and rugged module
- No junction box
- Integrated cable wire as option
- Frameless
- UV protected



### ELECTRICAL CHARACTERISTIC

Parameter	Unit	
Peak Power	$W_p$	68
Cells efficiency	%	18.8
Voltage at max power point	$V_{mpp}$ (V)	8.33
Current at max power point	$I_{mpp}$ (A)	7.9
Open – circuit voltage	$V_{OC}$ (V)	9.6
Short – circuit current	$I_{SC}$ (A)	8.63
Power tolerance	%	-0/+5
No. reverse blocking diode		0

Values are based on Standard Test Condition defined as 1000W/m<sup>2</sup>, 25 °C, AM 1.5

### MECHANICAL CHARACTERISTIC

Parameter	Unit	
Dimensions	mm	1360 x 344 x 1.5
Weight	kg	1.2
Solar Cells		16 cells in series (array 2x8)
Frame		None

### ABSOLUTE MAXIMUM RATINGS

Parameter	Unit	
Operating temperature	°C	-40 to +90
Max System Voltage	$V_{DC}$	1000

### OPTIONAL

Parameter	
Mounting hole	3mm diameter

### WARRANTY

- 25-year limited warranty on 80% power output
- 10-year limited warranty on 80% power output
- 5-year limited warranty of materials and workmanship

