

# High Efficiency, Lightweight, Flexible Photovoltaic Modules

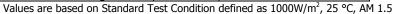
Model Type: HF234-6-28f

## **FEATURES**

- · High efficiency, light weight mono crystalline cells
- Flexible and rugged module
- Frameless
- UV protected



Parameter	Unit	
Peak Power	$W_p$	234
Cells efficiency	%	19.2
Voltage at max power point	V <sub>mpp</sub> (V)	27.8
Current at max power point	I <sub>mpp</sub> (A)	8.43
Open – circuit voltage	V <sub>oc</sub> (V)	32.40
Short – circuit current	I <sub>SC</sub> (A)	8.97
Power tolerance	%	-0/+5
No. reverse blocking diode		0



# **MECHANICAL CHARACTERISTIC**

Parameter	Unit	
Dimensions	mm	1500 x 980 x 1.2
Weight	kg	3.0
Solar Cells		54 cells in series
		(array 6x9)
Frame		None

#### **ABSOLUTE MAXIMUM RATINGS**

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

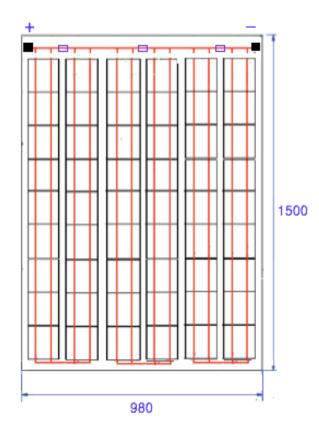
### **OPTIONAL**

· · · · · · · · · · · · · · · · · · ·	
Parameter	

#### WARRANTY

- 25-year limited warranty on 80% power output
- 10-year limited warranty on 90% power output
- 5-year limited warranty of materials and workmanship





10 South Third Street San Jose, CA 95113 Web: www.highflexsolar.com

USA

Office: +1 408 518 0240 Email: info@highflexsolar.com