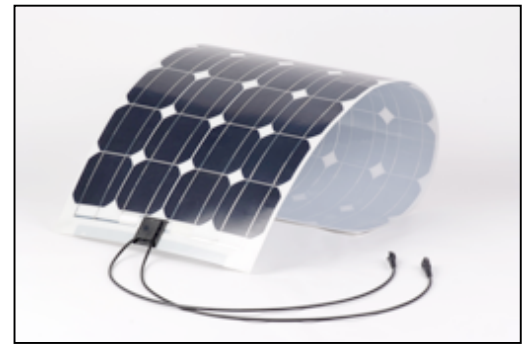


High Efficiency, Lightweight, Flexible Photovoltaic Modules

FEATURES

- High efficiency crystalline cell
- Light weight
- Flexible and foldable modules





ELECTRICAL CHARACTERISTIC

Parameter	Unit	HF40	HF65	HF90	HF130	HF240
Nominal Power	W_p	40	65	90	130	240
Voltage at max power point	V_{mpp} (V)	16.16	16.66	18.56	16.66	31.2
Current at max power point	I_{mpp} (A)	2.48	4.05	4.85	7.9	7.9
No. of by-pass diode		1		1	1	1
Open – circuit voltage	V_{OC} (V)	19.52	20.07	22.36	20.07	37.8
Short – circuit current	I_{SC} (A)	2.63	4.3	5.2	8.63	8.63
Maximum System Voltage	V	1000	1000	1000	1000	1000
No. of cells		32	32	36	32	60

Values are based on Standard Test Condition defined as 1000W/m², 25 °C, AM 1.5

MECHANICAL CHARACTERISTIC

Parameter	Unit	HF40	HF65	HF90	HF130	HF240
Size						
A axis	mm	604	1350	1230	1320	1950
B axis	mm	526	344	526	650	860
Thickness	mm	1.2	1.2	1.2	1.2	1.2
Weight	Kg	0.7	1.2	1.5	2.2	3.4

ABSOLUTE MAXIMUM RATINGS

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

ELECTRICAL CHARACTERISTICS

