

Typical Electrical Characteristics:

Module Type	JJ-1210	JJ-1212	JJ-1218	JJ-1224	JJ-1237	JJ-1240	JJ-1274
Maximum Power (Wp) [Tolerances +5%,-0%]	10	12	18	24	37	40	74
Maximum Power Voltage [V _{mp} (V)]	17.50	17.50	17.50	17.50	17.50	17.50	17.80
Maximum Power Current [I _{mp} (A)]	0.57	0.69	1.03	1.37	2.11	2.29	4.16
Open Circuit Voltage [V _{oc} (V)]	21.50	21.50	21.50	21.50	21.50	21.50	22.00
Short Circuit Current [I _{sc} (A)]	0.65	0.78	1.17	1.56	2.39	2.58	4.64
Max. System Voltage [VDC]	50	50	50	50	50	50	50
Module Size (mm) [Tolerance ±2mm]	422X240	470X240	490X340	660X340	470X655	505X655	850X655
Module Weight (kg) (Approximate)	1.5	1.5	2	2.5	4.5	4.5	6.5

*All electrical measurement are at STC (25°C, 1.5AM, 1000W/m²).

*Specifications are subjected to change without prior notice.

*Other Wattages are available on request.

- Manufacturing facility certified to ISO 9001:2008, ISO 14000:2004, BS OHSAS 18001:2007 and EN ISO 50001:2011.

Characteristics:

Cell Type	Multi Crystalline Silicon Solar Cells
Cell Configuration	36 Cells
Temperature coefficient of P _{max}	-0.45%/°K
Temperature coefficient of I _{sc}	+0.034%/°K
Temperature coefficient of V _{oc}	-0.32%/°K
NOCT	45 ± 2 °C
Maximum Series fuse	3 X Rated I _{mpp} of the module
Operating Temperature	-40 ~ +85°C

Warranty:

- Power Production (Limited Warranty): 90% : 10 years & 80% : 25 years
- Contact Jain Irrigation System Ltd. for complete warranty details.
- In compliance with our warranty terms and conditions.

Application:

- LED and CFL based Lanterns, Home Lighting and Street Lighting, Off-Grid applications, Roof-Top System and Telecom Sites, etc.

* Specifications are subject to change without prior notice. The specification may vary slightly.
