

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]	422X240X22	470X240X22	490X340X22	660X340X22	470X655X35	505X655X35	850X655X35
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).
- Other Wattages are available on request.

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
- Normal Operating Cell Temperature (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% for 10 years & 80% for 25 years.
- Contact Jain Irrigation System Ltd. for complete warranty details.

Applications

- 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.