



P V Power Technologies Pvt. Ltd.

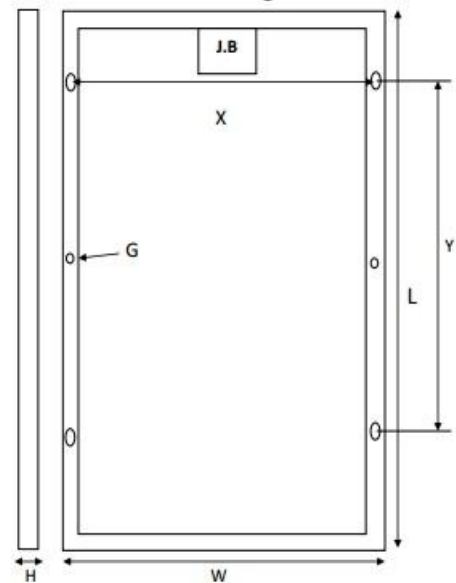
Plot – 60, Tarapur Textile Park Pvt. Ltd.
 (Sai Baba Boulevard Township),
 At – Gundale Village, Post – Mahagoan,
 Boisar (East), Dist/Tal – Palghar, Pin Code – 401501
 |www.pypowertech.com|

250 WATT (60 CELL) - MODULE DATA SHEET

Module Design (Front)



Module Design (Back)



ELECTRICAL PARAMETERS

Model Name	ECO 250M	
Cell Configurations (Nos.)	10 x 6 (60) Series	
Parameters	Value	Tolerance
Pmax (W)	250	(0 to + 3.0%)
Voc (V)	37.70	
Isc (A)	8.80	
Vmax (V)	30.15	
Imax (A)	8.30	
Fill Factor (%)	75.36	
Module Efficiency (%)	15.42	
Maximum System Voltage (VDC)	1000	
Temp. Coefficient of Pmax (%/°C)	0.38	
Temp. Coefficient of Voc (%/°C)	0.36	
Temp. Coefficient of Isc (%/°C)	0.07	

Electrical values measured at STC: 25°C, 1.5AM, 1000 W/m²

MECHANICAL PARAMETERS

Parameters	Measurement	Tolerance
L - Length of Module (mm)	1639	± 1.0 mm.
W - Width of Module (mm)	989	± 1.0 mm.
H - Height of Module (mm)	42	± 0.5 mm.
X - Pitch Distance (mm)	952	± 1.0 mm.
Y - Pitch Distance (mm)	839	± 1.0 mm.
Mounting Hole (mm)	4 oblong of size 6.5 mm x 10 mm	
Cell	Mono Solar Cells, 156.75mmX156.75mm	
Junction Box	TUV approved, IP 67 rated 4 terminal junction box with 3 bypass diodes	
Cables	1000mm Long, 4mm ² cables with MC4 Compatible Connectors	
Weight	19 Kg.	