



**TIBA SOLAR**

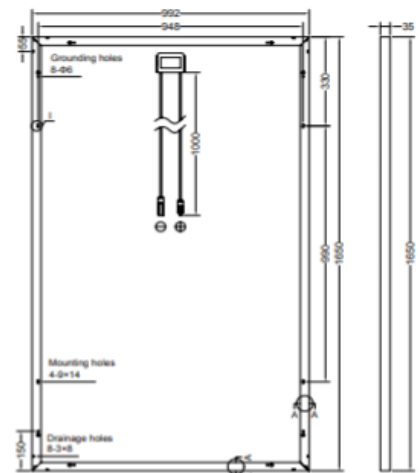
**SOLAR VOLT : Model GM60-300W**

**Electrical / Thermal Characteristics**

Maximum Power (Pmp)	300	W +/- 2%
Open Circuit Voltage (VOC)	39.9	V
Voltage at Maximum Power (Vmp)	32.6	V
Maximum System Voltage (Vdc)	1500	V
Short Circuit Current (Isc)	9.48	A
Current at Maximum Power (Imp)	9.1	A
Module Efficiency	18.5	%
Max Series Fuse Rating	15	A
Operating Temperature	-40c	+85c
Fill Factor	79	%
Temp Co-efficiency	-0.39%	°c
NOCT	46+/-2	°c

**Physical/Mechanical Characteristics**

Cells	60 cells 156.75*156.75 mm MONO
Weight	20 KG
Glass L * W * D	1650 * 995 * 4 mm
Frame	40 mm anodised Aluminium
Junction Box	IP65 6 bypass Diodes



**Materials Certification**

GLASS	ISO 14001
EVA	TUV Z088110822
CELLS Efficiency 21% Mono Crystalline	TUV 01100822116883
BACK SHEET	CSQ 9190.COV3
JUNCTION BOX	TUV 0010-21166246009

Tiba Solar factory: new Cairo, 5<sup>th</sup> district, industrial zone  
Tel: +2-012-077-7202  
Website: [www.tibasolar.com](http://www.tibasolar.com)  
Email: [info@tibasolar.com](mailto:info@tibasolar.com) – [tibasolar@gmail.com](mailto:tibasolar@gmail.com)  
Google maps 29.974634, 31.489651