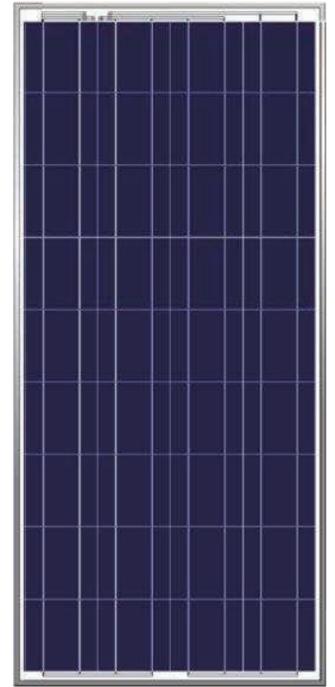


15%
MAX EFFICIENCY

150W
MAX PEAK POWER

10 YEAR
PRODUCT WARRANTY

25 YEAR
LINEAR PERFORMANCE WARRANTY



From wafer-to-cell-to-panel vertically integrated manufacturing facility employing state-of-the-art robotic German equipment located in New Delhi, India.



Superior conversion efficiency based on leading innovative photovoltaic technologies.



Positive Tolerance 0/+5W provides maximum power output for ultimate high performance.



Maximum load capacity of up to 5400Pa with ability to withstand high pressure wind and heavy accumulations of snow/ice.



Optimal output in extreme temperature variations and consistently excellent low light response.



• Qualified, IEC 61215
• Safety tested, IEC 61730
• Periodic inspection



LINEAR WARRANTY
25 year : 80 % of performance.

GLS 36-P_{SERIES}

36Cells Polycrystalline Solar PV Module.

Applications: Home Lighting Solutions (HLS), Street Lighting (SLS), Water Pump and any other Off Grid Systems.

TECHNICAL SPECIFICATIONS - GREENLITE™ SOLAR PV MODULES

Typical Electrical Characteristics	GLS-120/GLU-120	GLS-125/GLU-125	GLS-130/GLU-130	GLS-140/GLU-140	GLS-150/GLU-150
Power (Pm) in watts	120	125	130	140	150
Open circuit voltage (Voc) in Volts	21	21	21	21	21
Short circuit current (Isc) in Amps	7.62	7.94	8.25	8.89	9.52
Voltage at maximum power (Vmp) in Volts	17	17	17	17	17
Current at maximum power (Imp) in Amps	7.06	7.35	7.65	8.24	8.82
Maximum system voltage	1000V/600V	1000V/600V	1000V/600V	1000V/600V	1000V/600V
Physical Parameters (Refer drawing below)					
Solar cell per module(units)	36				
Length x Width x Thickness (LxWxT) mm/inches	1490 x 675 x 35 /58.7 x 26.6 x 1.4				
Weight kg	11.75				
Mounting holes pitch (y) mm/inches	915 /36.0				
Mounting holes pitch (x) mm/inches	627 /24.7				
Area Sq.m / Sq.ft	1.006 /10.83				
Junction box	IP65 with Diodes				

OTHER CHARACTERISTICS:

Type of cell: Poly Crystalline Silicon

Cells Front face: Tempered glass (Low iron)

Encapsulate: Ethylene Vinyl Acetate

Frame: Anodized Aluminium

Junction box: Weather Proof Nylon 6

NOCT: 45+/-2°C

Temp coefficients: Voltage: -0.2941%/°C

Current: +0.0681%/°C

Power: -0.3845%/°C

CERTIFICATIONS:

IEC 61215 (Ed.2)/IEC 61730-1/IEC 61730-2/TÜV Safety Class II & ETL Mark for UL 1703 approval(USA & CANADA); CEC listed.

WARRANTY:

Up to 25 years Limited Extended Warranty.

- All modules are supplied with screwless hollow frames.
- Due to constant product modifications, GREENLITE reserves the right to amend the above specifications without prior notice.

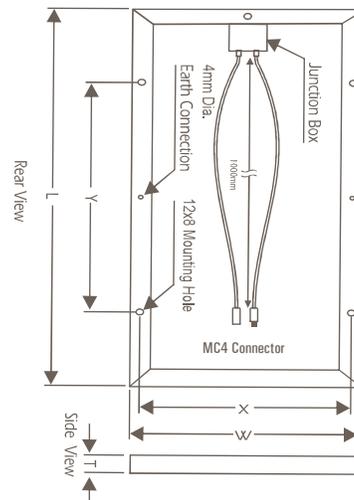
STANDARD TEST CONDITIONS:

All electrical parameters specified at Standard Test Conditions

- 25°C cell temperature
- 100 mW/cm² irradiance
- Air Mass(AM) 1.5

MOUNTING DETAILS

All dimensions in mm and tolerance ±2mm



*Specifications are subject to change