



Other Characteristics

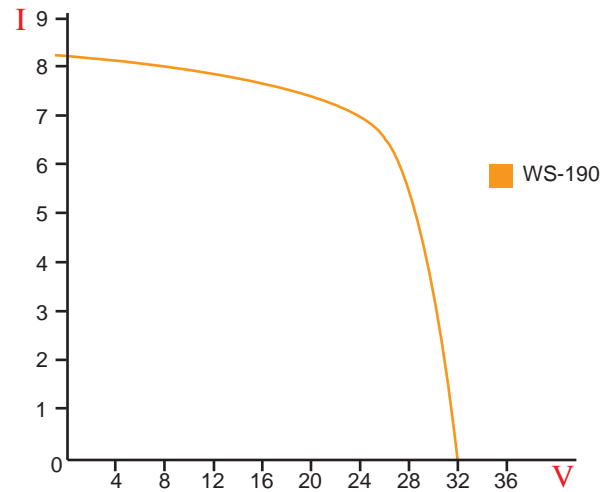
Type of Cell	: Mono / Multi Crystalline Silicon
Front Face	: Tempered Glass (Low Iron)
Encapsulate	: Ethylene Vinyl Acetate
Frame	: Anodized Aluminium
Junction Box	: Weather Proof Nylon 6
Temp. Coefficients	: Voltage -0.123 V / °K Current +4.4 mA / °K Power -0.47% / °K
NOCT	: 47+/-2 °C

Electrical Characteristics * WS-190

Power (Pm) in Watts (nominal)	190
Open Circuit Voltage (Voc) in Volts	32
Short Circuit Current (Isc) in Amps	8.3
Voltage at Maximum Power (Vmp) in Volts	26
Current at Maximum Power (Imp) in Amps	7.3
Maximum System Voltage	1000V

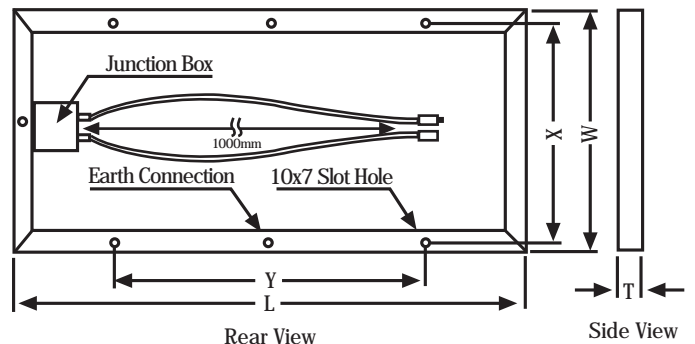
Physical Parameters (Refer drawing below)

Solar Cells per Module (Units)	54
Length x Width x Thickness (L x W x T) mm	1490 x 990 x 42
Weight - Kg	17.5
Mounting Holes Pitch (Y) - mm	900
Mounting Holes Pitch (X) - mm	949
Cables with Connectors	4mm ² , TÜV certified, 1000mm each
Junction Box	IP65 / 4T with 3 diodes



Mounting Details

All dimensions in mm and tolerances ±2mm



- Certifications: IEC 61215 / IEC 61730 - 1 / IEC 61730 - 2 / TUV Safety Class II
- Due to constant product modifications, SOLEN reserves the right to amend the above specifications without prior notice.
- All modules of 180Wp and above are supplied with pre-fixed cables and connectors.
- All modules of 120Wp and above are supplied with screwless Hollow section frames.
- Warranty : Up to 25 Years Limited Extended Warranty