

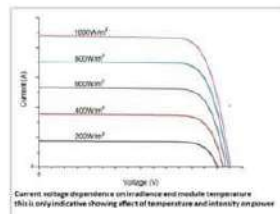
FEATURES

- ✓ High efficiency 156mm poly crystalline cells.
- ✓ High quality EVA & Back sheet to ensure high performance and provide good weather resistance for rugged environments.
- ✓ Anodized aluminium alloy frame and tempered clear glass with low iron content to enhance high efficiency.
- ✓ By pass diodes provided to avoid effect of partial shading.
- ✓ PV module power rating from 5wp to 250wp.
- ✓ 25 years limited warranty on power output. Output will be still 80% in 25 years, based on rated module performance less the negative tolerance.

ELECTRICAL CHARACTERISTIC

| PRODUCT DESCRIPTION | LVS-210 |
|----------------------------|---------|
| Rated power Pmax - [w] | 210 |
| Rated voltage Vmax - [V] | 35.00 |
| Rated current Imax - [A] | 6.4 |
| Open circuit voltage -[V] | 43.00 |
| Short circuit current -[A] | 6.94 |
| Tolerance | ±3% |

Standard test conditions : irradiance 1000w/m², Module temperature 25°C, spectrum A M 1.5

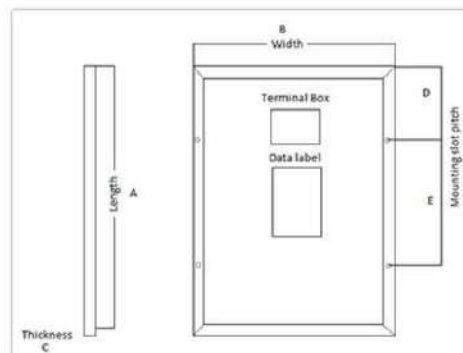


TEMPERATURE COEFFICIENTS

Voltage Voc : (- 0.379% of Voc / K)
 Current Isc : (-0.0396% of Isc / K)
 Power Pmax : (-0.46% / deg K)

Maximum system voltage : 1000DC
 Operating module temperature :-
 40°C to 90°C
 NOCT : 47°C ± 2°C

MODULE DRAWING & MOUNTING DETAILS



| MECHANICAL SPECIFICATIONS : | LVS 210 24V |
|-----------------------------|-------------|
| Length [mm] - A | 1595 |
| Width [mm] - B | 990 |
| Thickness [mm] - C | 42 |
| Mounting slot [mm]- D | 398 |
| Mounting slot [mm]- E | 1197 |
| No of cells & arrangement | 72(6×12) |

OTHER CHARACTERISTICS:

| | |
|--------------------|-----------------------------------------------------|
| Cell type | High Efficiency multi Crystalline cell (156×156mm) |
| Front glass | Toughened Textured Glass |
| Glass thickness | 3.2 mm |
| Cell Encapsulation | EVA (Ethylene Vinyl Acetate) |
| Back sheet | Poly Vinyl Fluoride |
| Frame | Silver Anodized Aluminum Alloy |
| Junction Box | 4 Rail Junction box |
| No of Diode | 3 |