

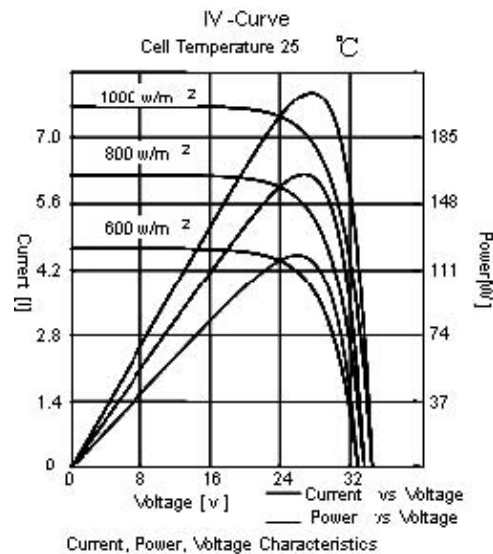


iSolar
Technology

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225 Watt Photovoltaic Module



CERTIFICATIONS

- IEC 61215
- IEC 61730

IS225M60-A

Mono-crystalline Silicon Photovoltaic Module

- High power module using 6" Mono-crystalline solar cell.
- 60 solar cells and connection in series
- 14.52% module conversion efficiency
- Bypass diode minimizes power drop by shade
- Using optical low iron tempered glass, EVA laminate and Tedlar backsheet.
- Anodize aluminum frame protected.
- Manufactured in ISO 9001 : 2000 certified facility.
- 25-years limited warranty on power output



ELECTRICAL CHARACTERISTICS

| | |
|--------------------------------|---------|
| Maximum Power (Pmax) | 225W |
| Maximum Power Voltage (Vpm) | 28.49V |
| Maximum Power Current (Ipm) | 7.89A |
| Open Circuit Voltage (Voc) | 36.55V |
| Short Circuit Current (Isc) | 8.58A |
| Module Efficiency (η_m) | 14.52% |
| Series Fuse Rating | 10A |
| Maximum System Voltage | DC1000V |

MECHANICAL CHARACTERISTICS

| | |
|--------------------|-----------------|
| Cell Configuration | 60 in series |
| Cable Length | 1000 mm |
| Dimensions | 1629x989X47.5mm |
| Weight | 19.0 kg |

WARRANTY

| |
|-------------------------------------|
| 12-year of 90% power output |
| 25-year of 80% power output |
| 5-year of materials and workmanship |

QUALIFICATION TEST CONDITIONS

