



Electrical Characteristics

BCT55-5

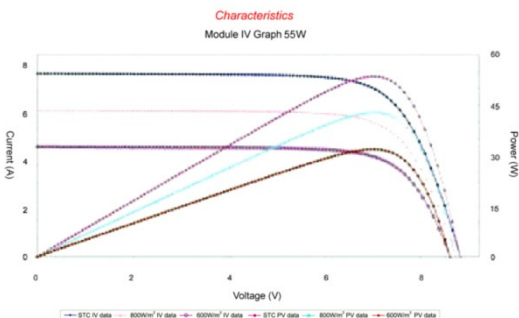
| | |
|-----------------------------------------------|--------------------|
| Maximum power at STC (Pmax) | 55W |
| Optimum operating voltage (Vmp) | 7.05V |
| Optimum operating current (Imp) | 7.80A |
| Open-circuit voltage (Voc) | 9.50V |
| Short-circuit current (Isc) | 8.27A |
| Short-circuit current temperature coefficient | (0.065±0.015) %/°C |
| Open-circuit voltage temperature coefficient | - (80±10) mV/°C |
| Peak power temperature coefficient | - (0.5±0.05) %/°C |
| NOCT (Air 20°C; Sun 0.8kW/m wind 1m/s) | 47±2°C |
| Operating temperature | -40°C to 85°C |
| Maximum system voltage | 600V DC |
| Power tolerance | ±3% |

STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5

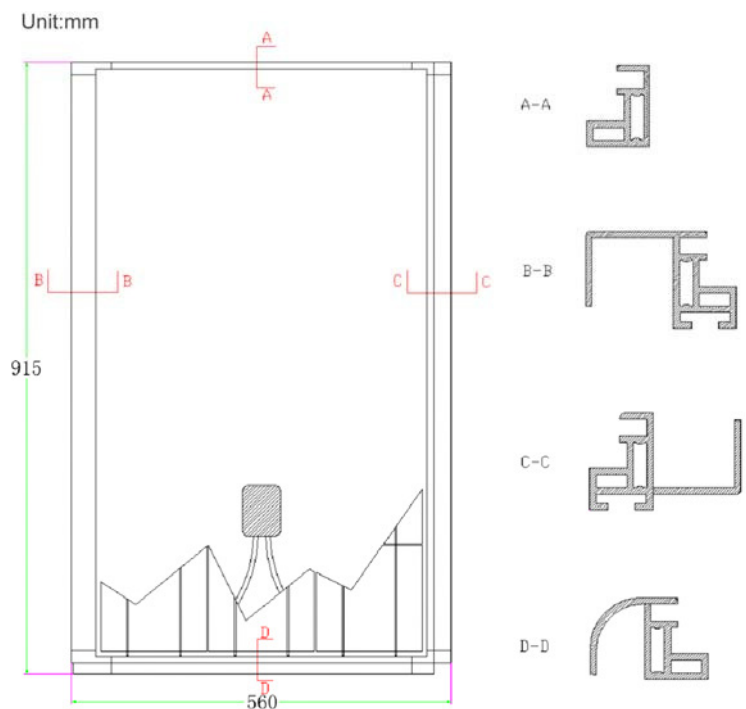
Features

- Nominal 5V DC for standard output.
- High efficiency.
- Outstanding low-light performance.
- High transmission tempered glass.
- Rugged design to withstands high wind pressure and snow load, easy installation.
- Aesthetic appearance.
- Design to meet unique customer demands.
- 25 year module output warranty.

Characteristics



Dimension



Specification

BCT55-5

| | |
|----------------------------|--------------------------------------|
| Cell | Poly-crystalline silicon solar cells |
| No. of cell and connection | 15 (5×3) |
| Dimension of module | 915mm×560mm×29mm |
| Weight | 7.5kg |

Specifications are subject to change without notice at any time.