The modules assembled with half cells not only generate more power output, but also perform better during daily operation as a result of lower temperature coefficient of power, along with reduced shading effect on the energy generation, lower risk of hot spot, and enhanced tolerance for mechanical loading.

**Introduction**

- Higher output power
- Lower temperature coefficient
- Less shading effect
- Better mechanical loading tolerance

**Superior Warranty**
- 12-year product warranty
- 25-year linear power output warranty

**Comprehensive Certificates**
- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
**OPERATING CONDITIONS**

- **Maximum System Voltage**: 1000V DC (IEC)
- **Operating Temperature**: -40°C~+85°C
- **Maximum Series Fuse**: 20A
- **Maximum Static Load, Front**: 2000Pa, 1.5
- **Maximum Static Load, Back**: 1600Pa, 1.5
- **NOCT**: 45°C
- **Application Class**: Class A

**CHARACTERISTICS**

- **Current-Voltage Curve**: JAP60S03-285/SC/1000V
- **Power-Voltage Curve**: JAP60S03-285/SC/1000V
- **Current-Voltage Curve**: JAP60S03-285/SC/1000V