Assembled with high-efficiency PERC cells, the half-cell configuration of the modules offers the advantages of higher power output, better temperature-dependent performance, reduced shading effect on the energy generation, lower risk of hot spot, as well as 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, IEC TS 62804
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules – Guidelines for increased confidence in PV module design qualification and type approval

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**100%**  
**90%**  
**80%**  
**70%**  
**60%**  
**50%**  
**40%**  
**30%**  
**20%**  
**10%**  
**0%**

1 5 10 15 20 25 year

JA Linear Power Warranty  
Industry Warranty
### OPERATING CONDITIONS

- **Maximum System Voltage**: 1000V/1500V DC (IEC)
- **Operating Temperature**: -40°C to +65°C
- **Maximum Series Fuse**: 20A
- **Maximum Static Load, Front**: 5400Pa
- **Maximum Static Load, Back**: 2400Pa
- **NOCT**: 45±2°C
- **Application Class**: Class A

### CHARACTERISTICS

- **Current-Voltage Curve JAM72S03-390/PR**
- **Power-Voltage Curve JAM72S03-390/PR**
- **Current-Voltage Curve JAM72S03-390/PR**

**Remark:** Electronic data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.