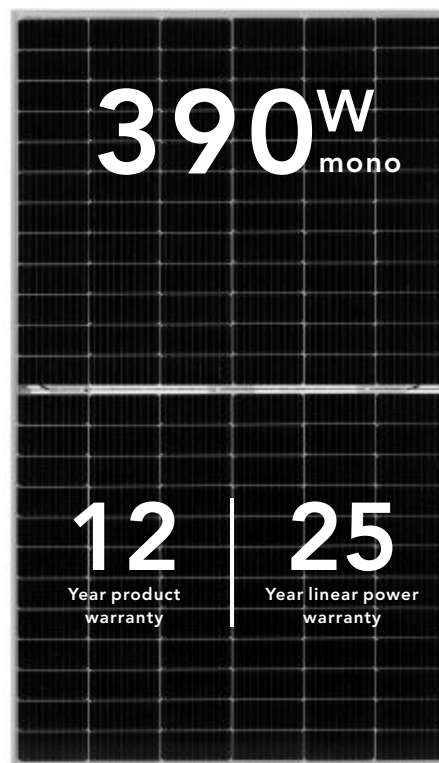




Half-Cell Module

JAM60S20-390/MR/1000V

Assembled with multi-busbar 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.



Power Tolerance **+5W** | Efficiency upto **20.0%**

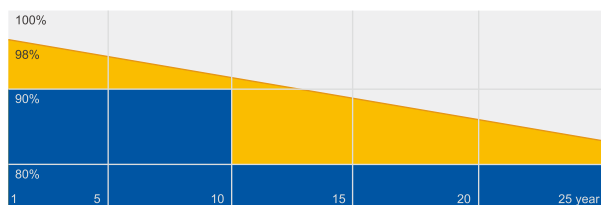
Higher output power

Lower LCOE

Less shading and lower resistive loss

Better mechanical loading tolerance

Superior Warranty



■ JA Linear Power Warranty ■ Industry Warranty

Comprehensive Certificates

- IEC 31215, IEC 61730
- ISO 9001:2015 Quality management systems
- ISO 14001:2015 Environmental management systems
- OHSAS 18001:2007 Occupational health and safety management systems

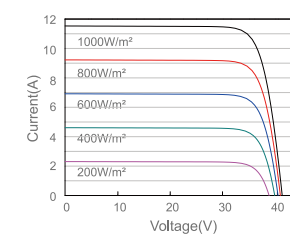
TYPE	AM60S20-390/MR/1000V
Rated Maximum Power(Pmax) [W]	390
Open Circuit Voltage(Voc) [V]	41.94
Maximum Power Voltage(Vmp) [V]	35.33
Short Circuit Current(Isc) [A]	11.58
Maximum Power Current(Imp) [A]	11.04
Module Efficiency(%)	20.9
Power Tolerance	0~+5W
Temperature Coefficient of Isc(α _{Isc})	+0.044%/°C
Temperature Coefficient of Isc(β _{Voc})	-0.272%/°C
Temperature Coefficient of Isc(γ _{Pmp})	-0.350%/°C
STC	Irradiance 1000W/m ² , Cell temperature 25°C, AM1.5G

ELECTRICAL PARAMETERS AT NOCT	
Rated Max Power(Pmax) [W]	295
Open Circuit Voltage(Voc) [V]	39.63
Max Power Voltage(Vmp) [V]	33.20
Short Circuit Current(Isc) [A]	9.40
Max Power Voltage(Imp) [V]	8.88
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G

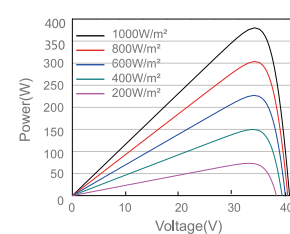
OPERATING CONDITIONS	
Maximum System Voltage	1000V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load, Front	3600Pa, 1.5
Maximum Static Load, Back	1600Pa, 1.5
NOCT	45±2°C
Safety Class	Class II

CHARACTERISTIC

Current-Voltage Curve JAM60S20-380/MR/1000V



Power-Voltage Curve JAM60S20-380/MR/1000V



Current-Voltage Curve JAM60S20-380/MR/1000V

