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POLY-CRYSTALLINE

JSMP-SERIES 260A / 265A / 270A
JSMP-SERIES 300A / 310A / 320A

MONO-CRYSTALLINE

JSMM-SERIES 250A / 260A / 270A
JSMM-SERIES 330A / 335A / 340A

The advantages



10 years manufacturer's warranty



Highest performance due to specifically
Selected technologies and materials



Guaranteed positive power tolerance
from 0-5 Wp by individual measurement



Maximum 5400 Pa snow load



High quality junction box and connector systems



4 Bus bar cell

Guarantee

10 years manufacturer's guarantee on 90 % of the nominal performance

25 years manufacturer's guarantee on 85% of the nominal performance

Certification



POLY-CRYSTALLINE

JSMP-SERIES 300A / 310A / 320A



Electrical Parameters

Model Name	Nominal Voltage Pmpp(Wp) 출력	Open-Circuit Voltage (Voc) 개방전압	Short-Circuit Current (Isc) 단락전류	Optimum Operating Voltage (Vmp) 최대전압	Optimum Operating Current (Imp) 최대전류	Efficiency 효율
JSMP300A	300Wp	45.80V	8.65A	36.40V	8.24A	15.54 %
JSMP310A	310Wp	46.20V	8.80A	36.60V	8.45A	16.02 %
JSMP320A	320Wp	46.60V	9.05A	37.20V	8.66A	16.69 %

Mechanical Characteristics

Type of Cell	Poly-Crystalline 156 x 156mm, 4Bus bar
Cells Array and Number	72PCS (6x12)
Dimensions	1950 x 990 x 40mm
Weight	20.13kg
Front Glass	2.8mm AR-Coting Glass
Frame	Anodized Aluminum Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s Wind
Snow Load Parameters	5400Pa

Limit values

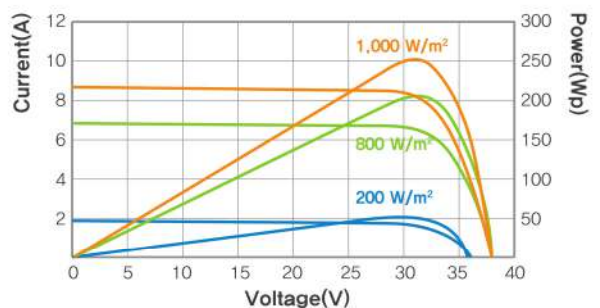
Operating Temperature	-40°C to + 85°C
Maximum System Voltage	1000V DC
Power Tolerance	0 to +5Wp
STC(Standard test condition)	1000 W/m ² , 25°C, AM=1.5

Temperature Coefficients

Nominal Operating Cell Temperature(NOCT)	45°C ± 5°C
Temperature Coefficient of Pmax	-[0.410±0.05]%/K
Temperature Coefficient of Voc	-[0.320±0.01]%/K
Temperature Coefficient of Isc	[0.050±0.01]%/K



I-V Curves



[IV behavior at various degrees of irradiation intensity]

Packaging Configuration

Module pieces per pallet	26
Module pieces per HC-container	624

MONO-CRYSTALLINE

JSMM-SERIES 330A / 335A / 340A



Electrical Parameters

Model Name	Nominal Voltage Pmpp(Wp) 출력	Open-Circuit Voltage (Voc) 개방전압	Short-Circuit Current (Isc) 단락전류	Optimum Operating Voltage (Vmp) 최대전압	Optimum Operating Current (Imp) 최대전류	Efficiency 효율
JSMM330A	330Wp	46.18V	9.25A	37.97V	8.69A	17.09%
JSMM335A	335Wp	46.41V	9.31A	38.32V	8.74A	17.35%
JSMM340A	340Wp	46.65V	9.37A	38.61V	8.81A	17.62%

Mechanical Characteristics

Type of Cell	Mono-Crystalline 156 x 156mm, 4Bus bar
Cells Array and Number	72PCS (6x12)
Dimensions	1950 x 990 x 40mm
Weight	21kg
Front Glass	2.8mm AR-Coting Glass
Frame	Anodized Aluminum Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s Wind
Snow Load Parameters	5400Pa

Limit values

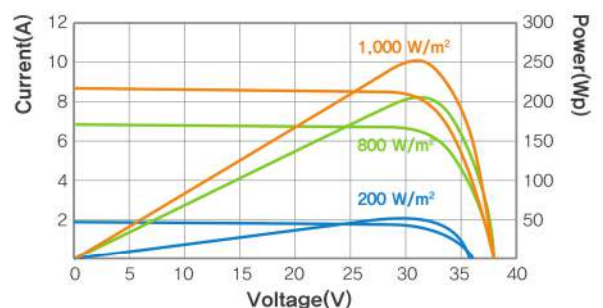
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V DC
Power Tolerance	0/ +3%
STC(Standard test condition)	1000 W/m ² , 25°C, AM=1.5

Temperature Coefficients

Nominal Operating Cell Temperature(NOCT)	45°C ± 5°C
Temperature Coefficient of Pmax	-(0.410±0.05)%/K
Temperature Coefficient of Voc	-(0.320±0.01)%/K
Temperature Coefficient of Isc	(0.050±0.01)%/K



I-V Curves



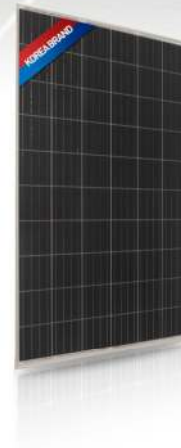
[IV behavior at various degrees of irradiation intensity]

Packaging Configuration

Module pieces per pallet	26
Module pieces per HC-container	624

POLY-CRYSTALLINE

JSMP-SERIES 260A / 265A / 270A



Electrical Parameters

Model Name	Nominal Voltage Pmpp(Wp) 출력	Open-Circuit Voltage (Voc) 개방전압	Short-Circuit Current (Isc) 단락전류	Optimum Operating Voltage (Vmp) 최대전압	Optimum Operating Current (Imp) 최대전류	Efficiency 효율
JSMP260A	260Wp	37.84V	9.01A	30.81V	8.44A	16.02%
JSMP265A	265Wp	38.05V	9.08A	31.02V	8.54A	16.32%
JSMP270A	270Wp	38.27V	9.16A	31.23V	8.65A	16.64%

Mechanical Characteristics

Type of Cell	Poly-Crystalline 156 x 156mm, 4Bus bar
Cells Array and Number	60PCS (6x10)
Dimensions	1640 x 990 x 35mm
Weight	16kg
Front Glass	2.8mm AR-Coting Glass
Frame	Anodized Aluminum Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s Wind
Snow Load Parameters	5400Pa

Limit values

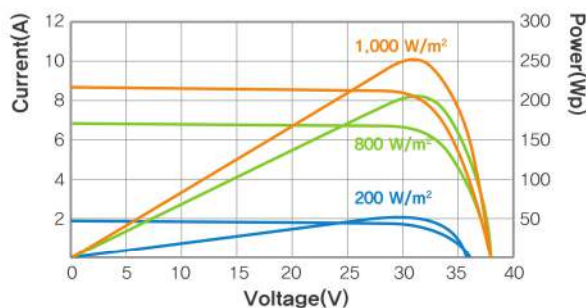
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Power Tolerance	0/ +3%
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Temperature Coefficient of Isc	[0.050±0.01]% /K



I-V Curves



[IV behavior at various degrees of irradiation intensity]

Packaging Configuration

Module pieces per pallet	30
Module pieces per HC-container	840

MONO-CRYSTALLINE

JSMM-SERIES 250A / 260A / 270A



Electrical Parameters

Model Name	Nominal Voltage Pmpp(Wp) 출력	Open-Circuit Voltage (Voc) 개방전압	Short-Circuit Current (Isc) 단락전류	Optimum Operating Voltage (Vmp) 최대전압	Optimum Operating Current (Imp) 최대전류	Efficiency 효율
JSMM250A	250Wp	37.86V	8.80A	30.60V	8.25A	15.55%
JSMM260A	260Wp	37.92V	8.89A	31.43V	8.30A	16.06%
JSMM270A	270Wp	37.98V	8.98A	32.54V	8.35A	16.73%

Mechanical Characteristics

Type of Cell	Mono-Crystalline 156 x 156mm, 4Bus bar
Cells Array and Number	60PCS (6x10)
Dimensions	1640 x 990 x 35mm
Weight	15.89kg
Front Glass	2.8mm AR-Coting Glass
Frame	Anodized Aluminum Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s Wind
Snow Load Parameters	5400Pa

Limit values

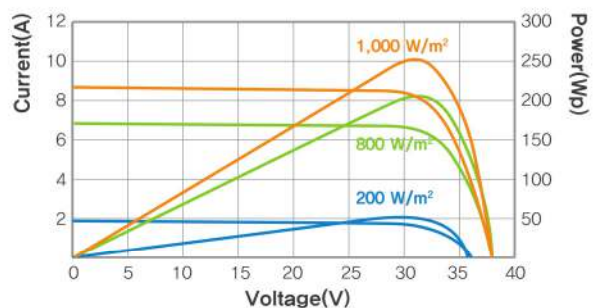
Operating Temperature	-40°C to + 85°C
Maximum System Voltage	1000V DC
Power Tolerance	0/ +3%
STC(Standard test condition)	1000 W/m ² , 25°C, AM=1.5

Temperature Coefficients

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Temperature Coefficient of Isc	(0.050±0.01)%/K



I-V Curves



[IV behavior at various degrees of irradiation intensity]

Packaging Configuration

Module pieces per pallet	30
Module pieces per HC-container	840