

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

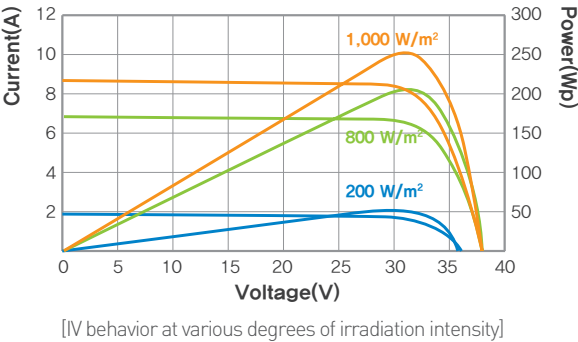
Limit values

Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V DC
Power Tolerance	0 to +5Wp
STC(Standard test condition)	1000 W/m², 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



Packaging Configuration

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

