

## ELECTRICAL CHARACTERISTICS

MODULE TYPE	SLB144M9-550
MAXIMUM POWER(W)	550
TOLERANCE WATTAGE(W)	0~+5
OPTIMUM POWER VOLTAGE(VMP)	42.11
OPTIMUM OPERATING CURRENT(IMP)	13.06
OPEN CIRCUIT VOLTAGE(VOC)	50.28
SHORT CIRCUIT CURRENT(ISC)	13.90
MODULE EFFICIENCY (%)	21.30

STC: LRRADIANCE 1000 W/M2, MODULE TEMPERATURE 25 °C, AM=1.5  
THE DATA ABOVE IS FOR REFERENCE ONLY AND THE ACTUAL DATA IS ACCORDANCE WITH THE PRATICAL TESTING

## TEMPERATURE CHARACTERISTICS

NOCT	45°C+/-2°C
TEMPERATURE COEFFICIENTS OF ISC(%)/°C	0.046
TEMPERATURE COEFFICIENTS OF VOC(%)/°C	-0.266
TEMPERATURE COEFFICIENTS OF PM(%)/°C	-0.354

## MECHANICAL CHARACTERISTICS

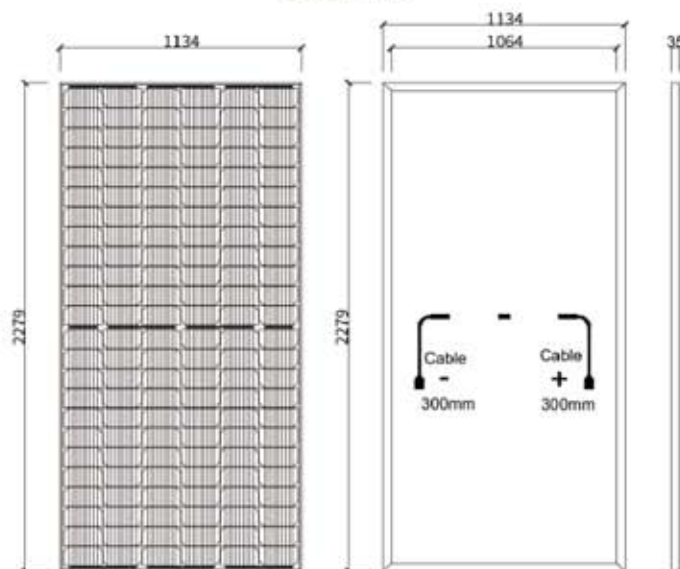
NUMBER OF CELL(PCS)	144(6X24) pcs
SIZE OF MODULE(MM)	2279x1134x35mm
FRONT GLASS THICKNESS(MM)	anti-reflective 3.2mm
SURFACE MAXIMUM LOAD CAPACITY	5400PA
ALLOWABLE HAIL LOAD	23m/s 25mm
WEIGHT PER PIECE(KG)	28.5kg
JUNCTION BOX TYPE	Protection class IP68,3 diodes
CABLE & CONNECTOR TYPE	300mm/4mm <sup>2</sup> ; MC4 Compatible
FRAME(MATERIAL CORNERS,ETC.)	35#
TEMPERATURE RANGE	-40°C TO +85°C
FF (%)	70-79%
MAXIMUM SYSTEM VOLTAGE	1500V DC

## PACKING

PACKING	CARTON BOX
1*40'HQ	620PCS



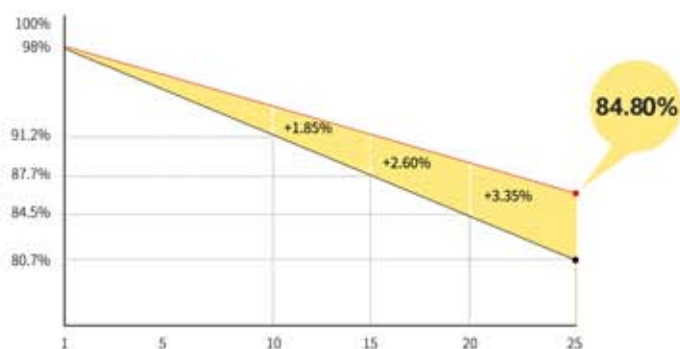
## DRAWING



INFORMATION ON HOW TO INSTALL AND OPERATE THIS PRODUCT IS AVAILABLE IN THE INSTALLATION INSTRUCTION.

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SPECIFICATIONS INCLUDED IN THIS DATA SHEET ARE SUBJECT TO CHANGE WITHOUT NOTICE.

## 25-Year Excess Linear Power Output Warranty



## CERTIFICATIONS AND STANDARDS

IEC61215 IEC61730

