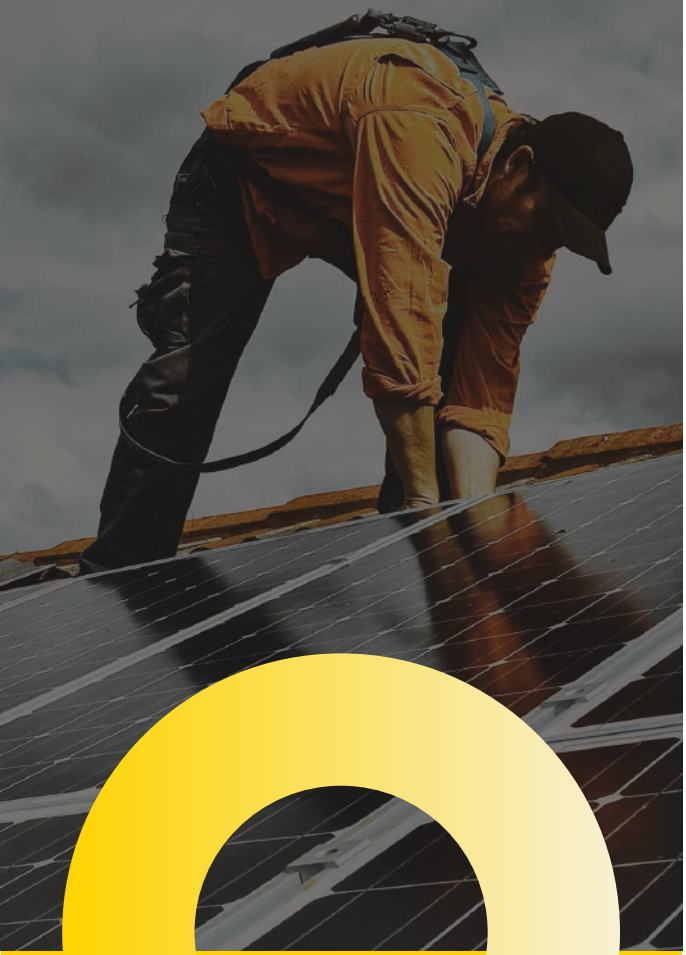
SOLARBORN
BORN FOR THE SUN



# MONO 108 SERIES

SLB108M9-390

Monocrystalline

PV Module

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**PID FREE**
POTENTIAL INDUCED DEGRADATION (PID) FREE GUARANTEED

**LONG-TERM STABLE POWER OUTPUT**
RELIABLE QUALITY LEADS TO A BETTER SUSTAIN-ABILITY EVEN IN HARSH ENVIRONMENT LIKE DESERT, FARM AND COASTLINE

**HIGH EFFICIENCY POSITIVE TOLERANCE**
STABLE PANELS WITH HIGH EFFICIENCY, PERC CELLS

**EXCELLENT RESISTANCE AGAINST EXTREME WEATHER**
POWER OUTPUT IN WEAK LIGHT CONDITION, SUCH AS HAZE, CLOUDY, AND MORNING

**LOW CARBON EMISSION**
SOLAR POWER IS THE CLEAN AND RENEWABLE ENERGY
LOW CARBON EMISSION GREAT FOR ENVIRON-

**COST EFFICIENCY**
COST EFFICIENCY CAN BE ESTIMATED FOR FUTURE INCOME

**12 YEARS**
LIMITED PRODUCT WARRANTY

**25 YEARS**
LIMITED POWER WARRANTY

## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| MODULE TYPE | SLB108M9-390 |
| MAXIMUM POWER(W) | 390 |
| TOLERANCE WATTAGE(W) | 0~+5 |
| OPTIMUM POWER VOLTAGE(VMP) | 30.59 |
| OPTIMUM OPERATING CURRENT(IMP) | 12.75 |
| OPEN CIRCUIT VOLTAGE(VOC) | 36.67 |
| SHORT CIRCUIT CURRENT(ISC) | 13.63 |
| MODULE EFFICIENCY (%) | 19.90 |

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) | 108(6X18)PCS |
| SIZE OF MODULE(MM) | 1724x1134x35mm |
| FRONT GLASS THIKNESS(MM) | anti-reflective 3.2mm |
| SURFACE MAXIMUM LOAD CAPACITY | 5400PA |
| ALLOWABLE HAIL LOAD | 23m/s 25mm |
| WEIGHT PER PIECE(KG) | 19.5kg |
| JUNCTION BOX TYPE | Protection class IP68,3 diodes |
| CABLE & CONNECTOR TYPE | 300mm/4mm²; 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*20FT | 294 PCS |
| 1*40'HQ | 806 PCS |

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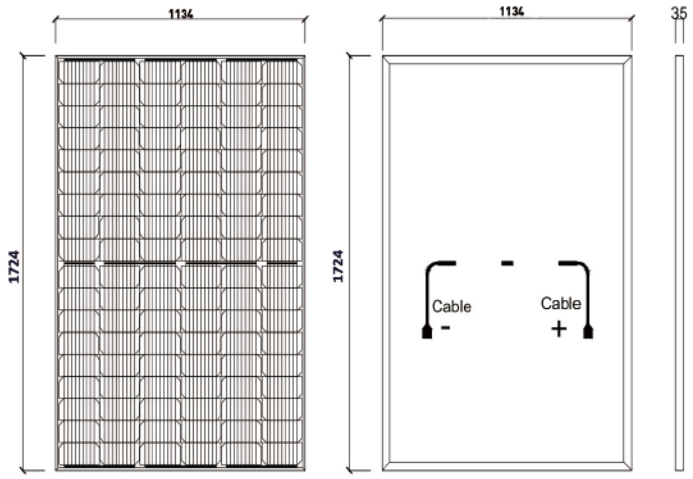
## DRAWING




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

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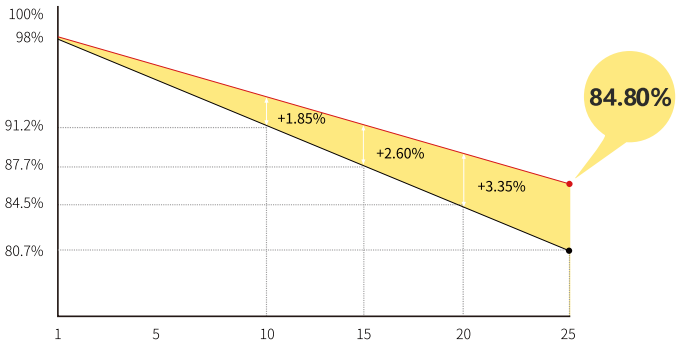
SPECIFICATIONS INCLUDED IN THIS DATA SHEET ARE SUBJECT TO CHANGE WITHOUT NOTICE.

### 25-Year Excess Linear Power Output Warranty




## CERTIFICATIONS AND STANDARDS

IEC61215 IEC61730