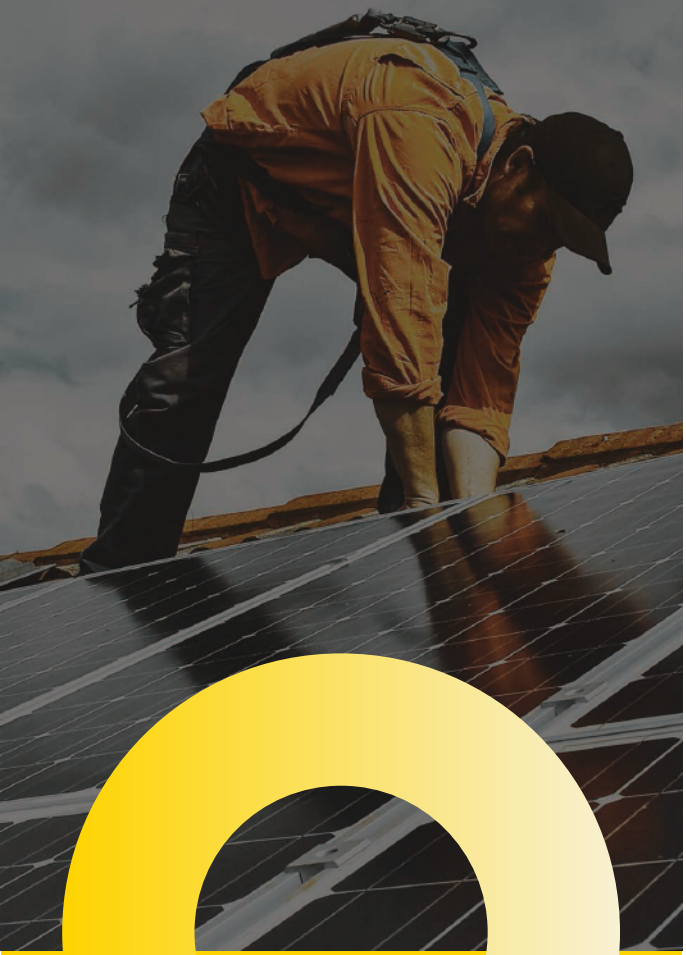
SOLARBORN
BORN FOR THE SUN



MONO 108 SERIES

SLB108M10-545

Monocrystalline

PV Module

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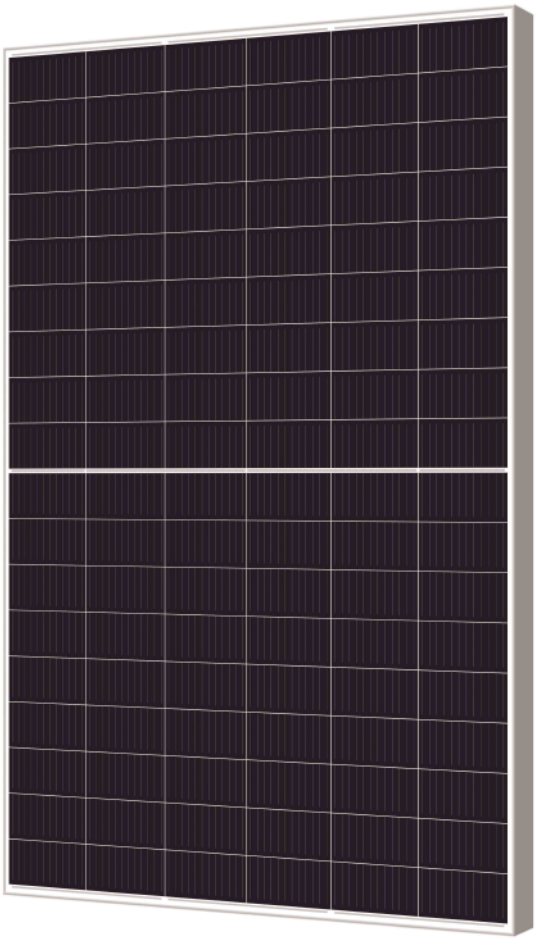

PID FREE
POTENTIAL INDUCED DEGRADATION (PID) FREE GUARANTEED

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	**SLB108M10-545**
MAXIMUM POWER(W)	**545**
TOLERANCE WATTAGE(W)	**0~+5**
OPTIMUM POWER VOLTAGE(VMP)	**31.29**
OPTIMUM OPERATING CURRENT(IMP)	**17.42**
OPEN CIRCUIT VOLTAGE(VOC)	**37.84**
SHORT CIRCUIT CURRENT(ISC)	**18.82**
MODULE EFFICIENCY (%)	**21.10**

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)	**1980*1303*35mm**
FRONT GLASS THIKNESS(MM)	**anti-reflective 3.2mm**
SURFACE MAXIMUM LOAD CAPACITY	**5400PA**
ALLOWABLE HAIL LOAD	**23m/s 25mm**
WEIGHT PER PIECE(KG)	**28.50kg**
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*40'HQ	**558PCS**

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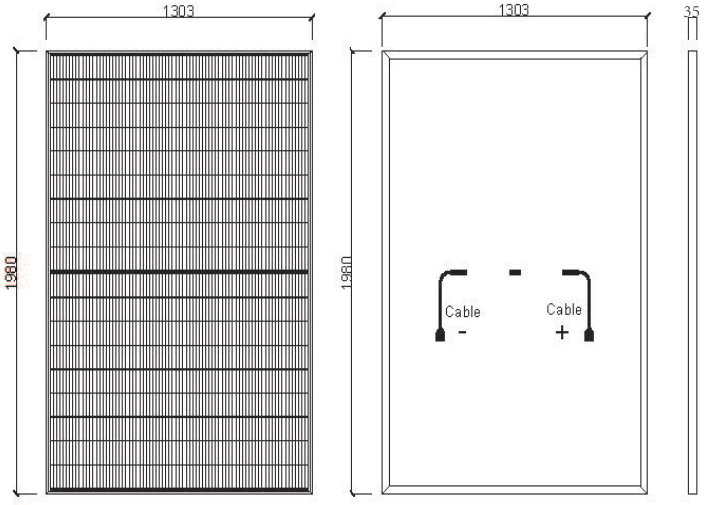
DRAWING



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

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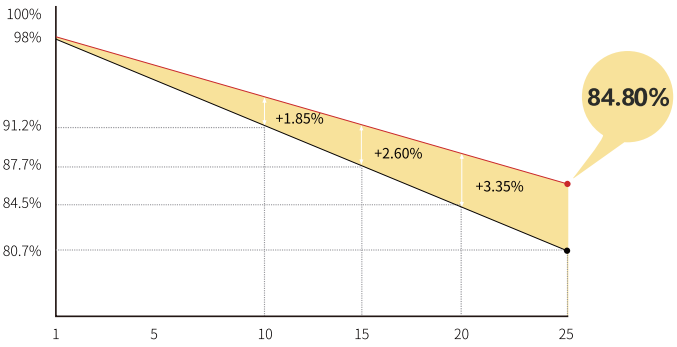
SPECIFICATIONS INCLUDED IN THIS DATA SHEET ARE SUBJECT TO CHANGE WITHOUT NOTICE.

25-Year Excess Linear Power Output Warranty



CERTIFICATIONS
AND STANDARDS
IEC61215 IEC61730