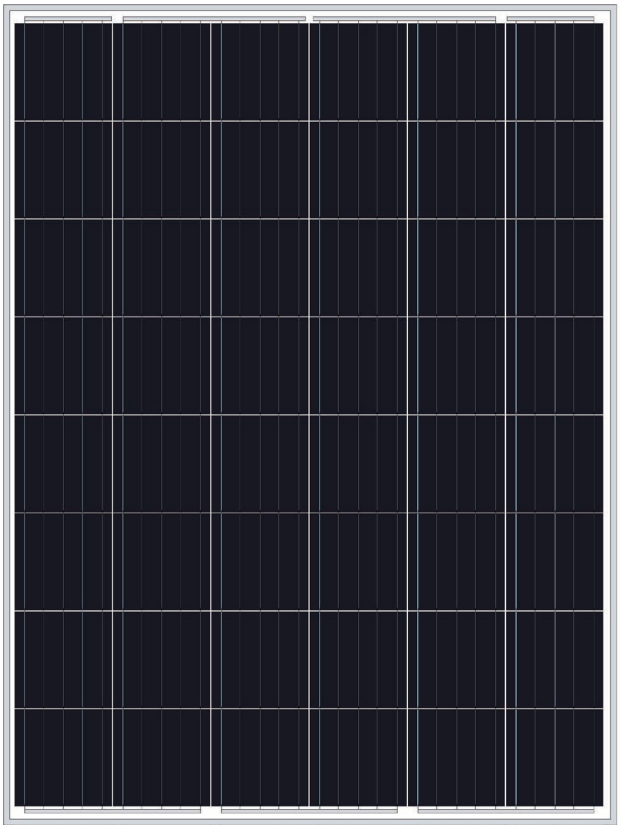
SOLARBORN
BORN FOR THE SUN





POLY 48 SERIES

SLB48P6-180

Polycrystalline

PV Module

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

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ELECTRICAL CHARACTERISTICS

MODULE TYPE	SLB48P6-180
MAXIMUM POWER(W)	180
TOLERANCE WATTAGE(W)	0~+5
OPTIMUM POWER VOLTAGE(VMP)	24.19
OPTIMUM OPERATING CURRENT(IMP)	7.44
OPEN CIRCUIT VOLTAGE(VOC)	29.09
SHORT CIRCUIT CURRENT(ISC)	7.96
MODULE EFFICIENCY (%)	13.30

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℃+/-2℃
TEMPERATURE COEFFICIENTS OF ISC(%)℃	+0.048
TEMPERATURE COEFFICIENTS OF VOC(%)℃	0.290
TEMPERATURE COEFFICIENTS OF PM(%)℃	-0.400

MECHANICAL CHARACTERISTICS

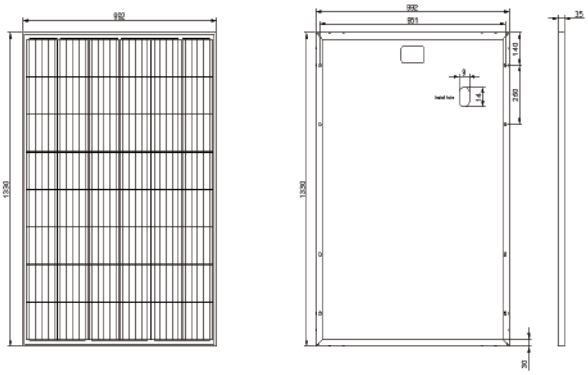
SOLAR CELL	156.75×156.75mm
NUMBER OF CELL(PCS)	48(6X8)
SIZE OF MODULE(MM)	1330×992×35mm
FRONT GLASS THIKNESS(MM)	3.2
WEIGHT PER PIECE(KG)	13.8
TEMPERATURE RANGE	-40℃ TO +85℃
MAXIMUM SYSTEM VOLTAGE	1000V DC

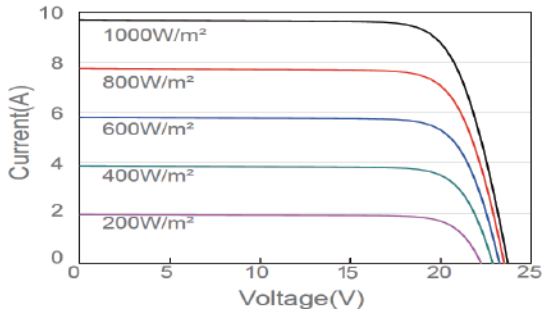
PACKING

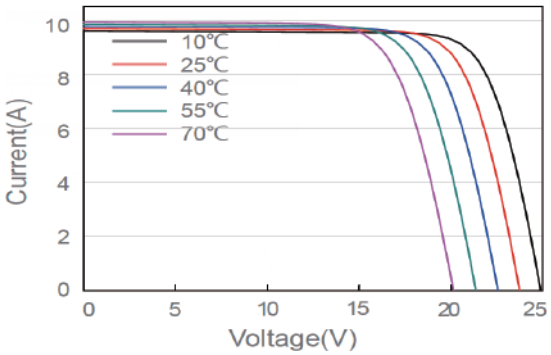
PACKING	CARTON BOX
1*20FT	16PALLETS/480PCS
1*40'HQ	34PALLETS/1008PCS

BORN FOR THE SUN
Solarborn Technologies Co.,ltd

DRAWING







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

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CERTIFICATIONS
AND STANDARDS
IEC61215 IEC61730