

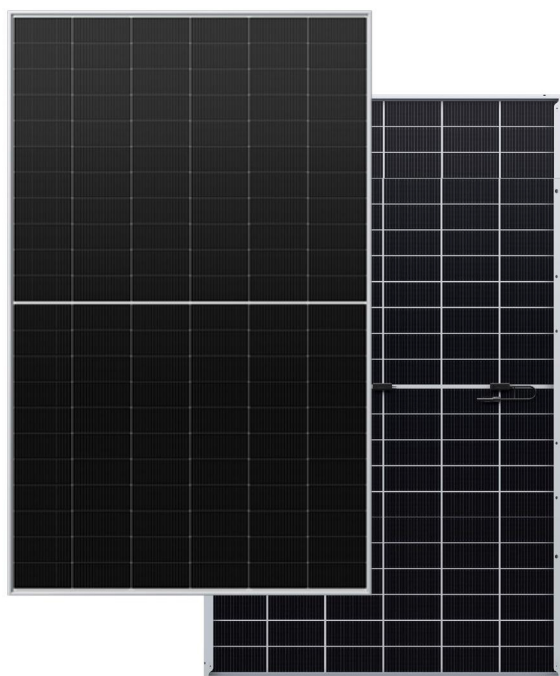
LIBRA SERIES

SS66-210(ND) Double Glass

High Efficiency Lower LID and TOPCon cell with Half-cut Technology
Big Size : Cell 210 x 105mm Monocrystalline

710W / 715W

720W / 725W / 730W



10-30% Additional Power Generation

10-30% additional power generation comparing with conventional P-type module



Lower LID (Light Induced Degradation)

N-type modules with Tunnel Oxide Passivating Contacts (TOPCon) technology offer lower LID/LeTID degradation and better low light performance



Lower LCOE

Higher power output and lower BOS cost



Better Weak Illumination Response

Higher power output even under low-light environment



Better Temperature Coefficient

Higher power generation under normal working conditions



Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

- Module Efficiency
23.5%
- No. of Cells
132(6 × 22)
- Weight
38.5±0.5kg
- Dimensions
2384 × 1303 × 35mm

Comprehensive and First-rate Certification System

IEC61215: 2021 . IEC61730: 2023 . UL61730: 2017 . IEC62804: 2015
ISO9001 . ISO14001 . and . ISO45001



LIBRA SERIES

Better Choice For Higher Efficiency

Electrical Characteristics

Module	SS66-210(ND)				
Maximum Power at STC (Pmax)	710W	715W	720W	725W	730W
Open - Circuit Voltage (Voc)	48.60V	48.80V	49.00V	49.20V	49.40V
Short - Circuit Current (Isc)	18.48A	18.53A	18.57A	18.62A	18.66A
Optimum Operating Voltage (Vmp)	40.80V	41.00V	41.20V	41.40V	41.60V
Optimum Operating Current (Imp)	17.41A	17.45A	17.48A	17.52A	17.55A
Module efficiency	22.9%	23.0%	23.2%	23.3%	23.5%
Power Tolerance	0 ~ + 3%				
Maximum System Voltage	1500V DC (UL / IEC)				
Maximum Series Fuse Rating	35A				
Operating Temperature	-40 °C to +85 °C				

* STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

NMOT

Module	SS66-210(ND) (Bifaciality 80±10%)				
Maximum Power	542W	546W	550W	554W	558W
Open - Circuit Voltage (Voc)	46.40V	46.60V	46.80V	47.00A	47.20A
Short - Circuit Current (Isc)	14.83A	14.87A	14.91A	14.95A	14.99A
Optimum Operating Voltage (Vmp)	38.40V	38.60V	38.80V	39.00V	39.20V
Optimum Operating Current (Imp)	14.11A	14.14A	14.17A	14.20A	14.23A
NMOT	45±2 °C				

* NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

Mechanical Characteristics

Solar Cells	Monocrystalline 210 × 105mm
No. of Cells	132(6 × 22)
Dimensions	2384 × 1303 × 35mm
Weight	38.5±0.5kg
Glass(Front/Back)	High transmission tempered glass; thickness; 2.0mm
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (UL / IEC) length: (+)400mm (-)200mm / customized length
Connectors	MC4-EVO2/MC4 Compatible
Packaging Configuration	31pcs / box, 558pcs / 40'HQ container

Temperature Characteristics

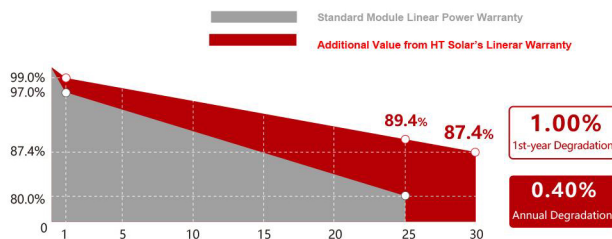
Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.046%/°C

Warranty

15 - years
product warranty

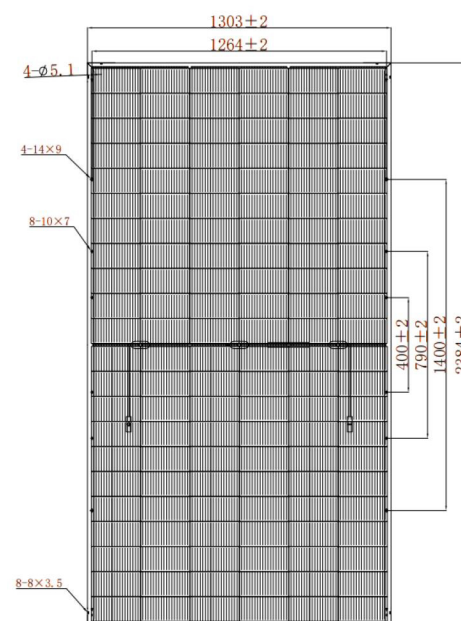
30 - years
warranty on power output

Specific information is referred to
the product quality guarantee



The module recycling should be carried out by the professional institutions at the end of module life cycle

Engineering Drawing



IV Curves

