



MBB HC BIFACIAL RECTANGULAR TOPCON CELL PV MODULE

SP710-730T(SNMH)/132



CELL TECHNOLOGY 16BB HALF-CUT TOPCON CELLS

LOW LID/LeTID LOSS AND HIGH PERFORMANCE UNDER LOW IRRADIANCE CONDITIONS.



BIFACIAL PERFORMANCE

DUAL SIDE- POWER GENERATION
HIGHER ENERGY YIELD AND LOWER LCOE THANKS TO REAR-SIDE GAIN.



PID PROTECTION

ADVANCED ANTI-PID TECHNOLOGY
LONG-TERM PERFORMANCE UNDER HIGH SYSTEM VOLTAGE CONDITIONS



HIGH PERFORMANCE WARRANTY

30-YEAR LINEAR POWER OUTPUT WARRANTY
STABLE AND RELIABLE MODULE PERFORMANCE FOR LONG-TERM OPERATION



HARSH ENVIRONMENT RESISTANCE

DESIGN SUITABLE FOR ALL CLIMATE CONDITIONS
SUITABLE FOR SAND, HUMIDITY , WIND, AND DUSTY ENVIRONMENTS



MECHANICAL STRENGTH

HIGH DURABILITY
5400 PA SNOW LOAD / 2400 PA WIND LOAD.



ENVIRONMENTALLY FRIENDLY PRODUCTION

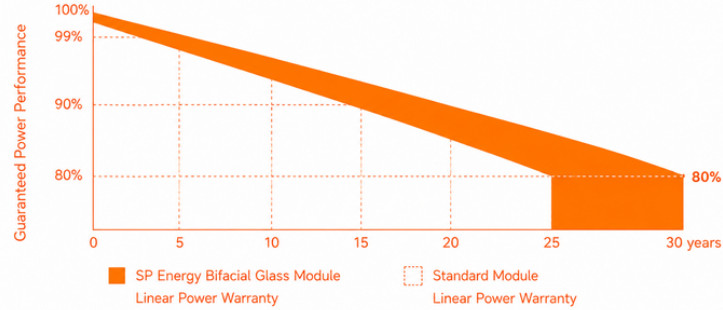
LOW CARBON FOOTPRINT
COMPOSITE FRAME AND SUSTAINABLE MANUFACTURING PROCESS.

WARRANTY

Additional Linear Performance Warranty

12 Years Product Warranty • 30 Years Linear Power Warranty

Average annual power loss of 0.4% over 30 years



PRODUCT
WARRANTY



LINEAR POWER
OUTPUT
WARRANTY

CERTIFICATIONS

TUV AUSTRIA CERTIFICATION

CE CONFORMITY

ISO 9001:2015 QUALITY MANAGEMENT SYSTEM

ISO 14001:2015 ENVIRONMENTAL MANAGEMENT SYSTEM

OHSAS 18001 - OCCUPATIONAL HEALTH & SAFETY

FPC FACTORY PROCESS CONTROL CERTIFICATION



SP ENERJİ ELEKTRİK ÜRETİM LİMİTED ŞİRKETİ

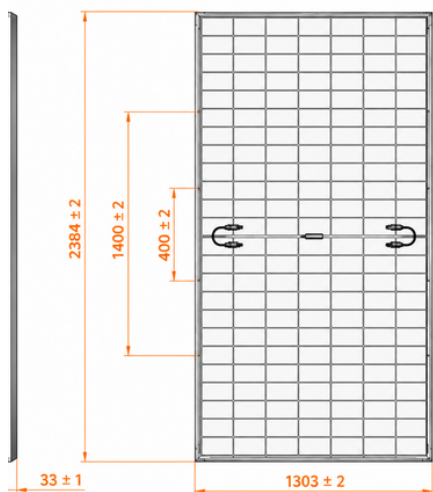
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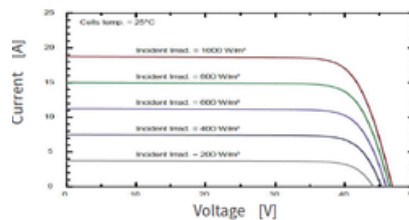


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PV MODULE
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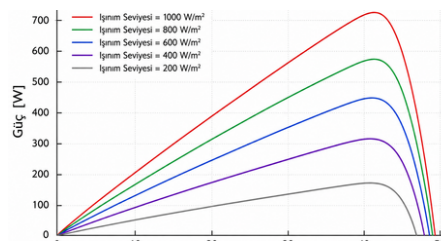
TECHNICAL DRAWING



I-V CURVE



P-V CURVE



ELECTRICAL PARAMETERS

Maximum Power (Pmax)	710	715	720	725	730
Open Circuit Voltage (Voc) V	49.14	49.37	49.62	49.64	49.66
Short Circuit Current(Isc) A	19.74	19.76	19.78	19.80	19.82
Voltage at Pmax (Vmp) V	41.62	41.86	42.11	42.34	42.59
Current at Pmax (Imp) A	17.06	17.08	17.10	17.12	17.14
Module Efficiency (STC) (%)	22.90%	23.06%	23.22%	23.39%	23.54%

REAR SIDE GAIN

5%	Maximum Power (W)	745.5	750.75	756	761.25	766.50
	Module Efficiency (STC):	24.05%	24.21%	24.38%	24.56%	24.72%
15%	Maximum Power (W)	816.50	822.25	828	833.75	839.50
	Module Efficiency (STC):	26.34%	26.52%	26.70%	26.90%	27.07%
25%	Maximum Power (W)	887.50	893.75	900	906.25	912.50
	Module Efficiency (STC):	28.63%	28.83%	29.03%	29.24%	29.43%

MECHANICAL PARAMETERS

Power Tolerance	(0,+4,99)
Maximum System Voltage	1500V DC
Pmax Temperature Coefficient	-0.30%/°C
Voc Temperature Coefficient	-0.25%/°C
Isc Temperature Coefficient	+0.045%/°C
Maximum Series Fuse Rating	35A
Operating Temperature	-40~ +85°C
Nominal Operating Cell Temperature (NOCT)	42±2°C

DIMENSIONS & CONSTRUCTION

Dimensions	2384*1303*33mm
Weight	38.5Kg±5%
Solar Cells	132Cells (2*6*11)
Glass	Dual glass 2.0 + 2.0 mm , AR coated, tempered, low iron
Frame	Composite (Colored)
Junction Box & Cable	IP68, 3 diodes,4 mm2, 350 mm cable
Mechanical Load	Front 5400 Pa / Rear 2400 Pa
Packaging	36 modules per pallet

* Cable length can be customized upon customer request during order.



Specifications and information in this technical document are subject to change without prior notice SP Enerji Elektrik Üretim Ltd. Şti. reserves the right of final interpretation.