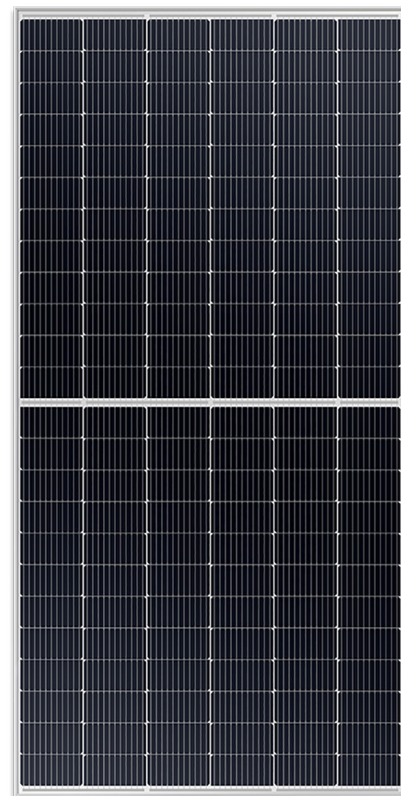


Light Tower Energy
A BEACON OF LIGHT



DATOS MECÁNICOS MECHANICAL DATA

Dimensiones | Dimensions: 2279*1134mm

Weight: 27.4 kg

Cable | Cable: Customizable: 4mm²

Solar Cell: 182*91 Mono

No. of Cells & Connections: 144(6*24)

Nº of diodes: 3

CONDICIONES DE TRABAJO WORKING CONDITIONS

Temperature Cycling Range: -40~+85°C

Max. Series Fuse Rating: 25A

Max. Wind Load / Max. Snow Load: 2400 / 5400Pa

Hot Spot Rate: 100% Free

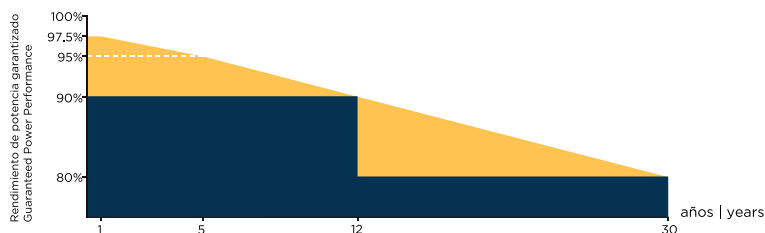
Fire Rating: Class C

Junction box: IP68

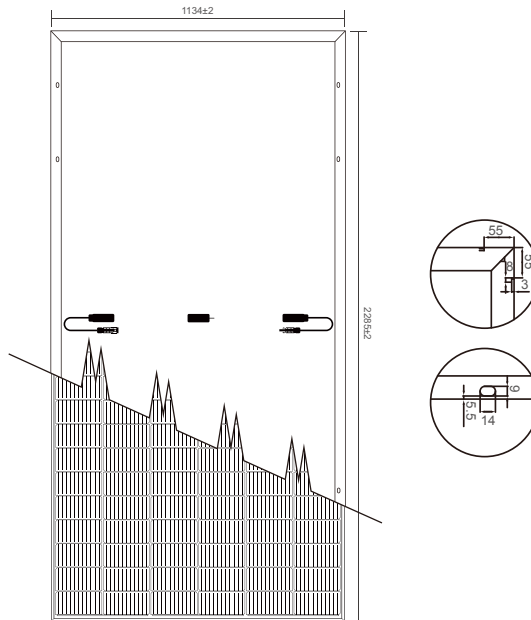
GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal
Garantía de rendimiento estándar

Lineal performance warranty
Standard performance warranty



EX530-550M(B)-144(HC) 9BB(182)



TIPO TYPE	EX530MB-144	EX535MB-144	EX540MB-144	EX545MB-144	EX550MB-144
STC 1000 W/M2. Module Temperature 25°C A.M.1,5					
Potencia de salida Power output	530	535	540	545	550
Max. pot. tolerada Max. power tolerance(%)	0-+5				
Eficiencia módulo Module efficiency(%)	20.7	20.9	21.1	21.3	21.5
Voltage Máximo voltage, VMP(V)	41.03	41.28	41.54	41.76	41.95
T. máxima actual Current, IMP(A)	12.92	12.97	13.00	13.06	13.12
T. circ. abierto Voltage open circuit, VOC(V)	48.83	49.12	49.43	49.70	49.97
Cor. cortocircuito Short circuit current, ISC(A)	13.74	13.79	13.83	13.88	13.93
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5					
Potencia de salida Power output	400.3	404.0	407.8	411.6	415.4
Voltage Máximo voltage, VMP(V)	38.72	38.94	39.21	39.39	39.57
Tensión máxima actual Current, IMP(A)	10.34	10.38	10.40	10.45	10.50
T. circ. abierto Voltage open circuit, VOC(V)	46.10	46.37	46.67	46.92	47.17
Cor. cortocircuito Short circuit current, ISC(A)	11.06	11.10	11.13	11.18	11.22
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS					
Coefficiente de temp. Temp. Coefficient (P _{MAX})	-0.35%/°C				
Coefficiente de temp. Temp. Coefficient (ISC)	0.04%/°C				
Coefficiente de temp. Temp. Coefficient (VOC)	-0.29%/°C				
NOCT	43±2°C				
I-V CURVAS CURVES					

I-V Curve at different irradiation (EX550MB-144HC)

