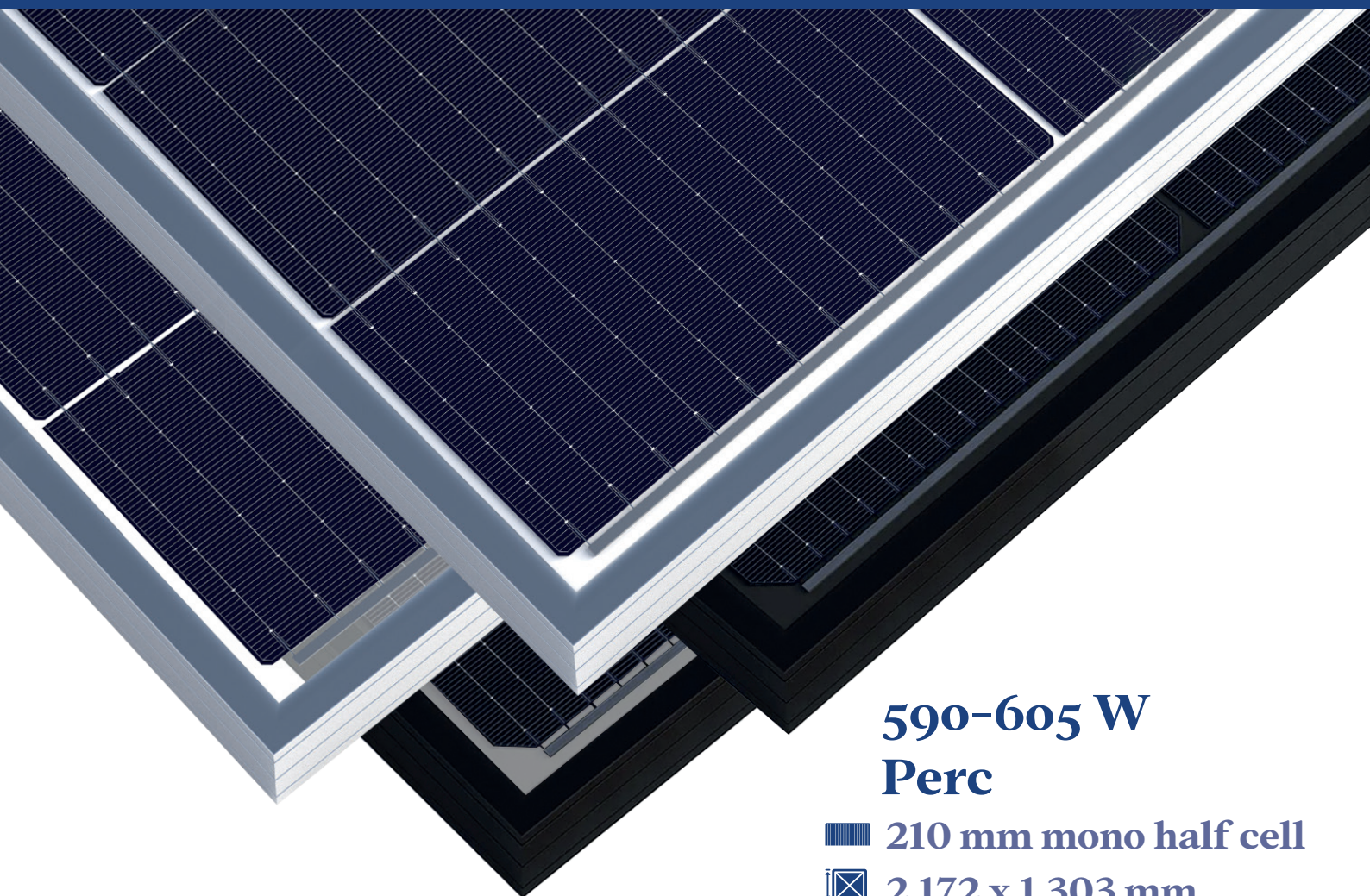




590-605 W
Perc

 **210 mm mono half cell**

 **2.172 x 1.303 mm**

 **31 kg**

DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones | Dimensions: 2172*1303mm

Max. Voltaje | Max. system Voltage (V): 1500

Peso | Weight: 31 kg

No máximo. de series | Max. Series Fuse Rating (A): 30

Nº de celdas | Nº cells: (60*2)

Carga mecánica | Mechanical load: 2400pa/5400pa

Dimensiones celdas | Cells dimensions: 210*210mm

Marco | Frame: Anodized aluminum alloy

Caja de conexiones | Junction box: IP 68

Conector | Connector: MC4 Compatible

Cable: 4mm2

Warranty | Garantía

25

Years | Años
Product
Producto

30

Years | Años
Linear power
Rendimiento lineal

1
TIER

Bloomberg
NEW ENERGY FINANCE

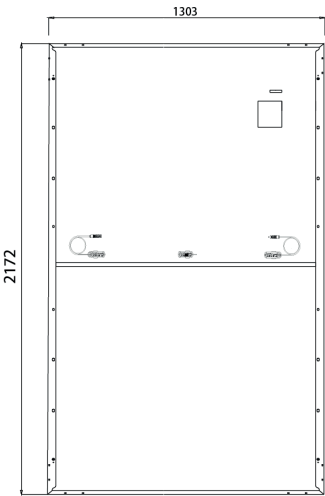
CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2



Anti-PID
System voltage durability
PPP 56042





TIPO TYPE	EX590M120HC(210)	EX595M120HC210	EX600M120HC210	EX605M120HC210
STC: Irradiance 1000W/m², Cell Temperature 25, Air Mass 1.5				
Potencia de salida Power output	590	595	600	605
Potencia tolerada Power tolerance (W)	(0, +5)			
Eficiencia módulo Module efficiency (%)	20.85	21.02	21.20	21.38
Voltage Máximo voltage, VMP (V)	34.00	34.20	34.40	34.60
Intensidad máxima actual Current, IMP (A)	17.35	17.40	17.44	17.49
Voltaje circ. abierto Voltage open circuit, VOC (V)	41.10	41.30	41.50	41.70
Intensidad de cortocircuito Short circuit current, ISC (A)	18.42	18.47	18.52	18.57
NOCT : Irradiance 800W/m², Ambient Temperature 20, Air Mass1.5, Wind Speed 1m/s				
Potencia de salida Power output	447	451	454	458
Voltage Máximo voltage, VMP (V)	31.70	31.90	32.10	32.30
Intensidad máxima actual Current, IMP (A)	14.09	14.13	14.18	14.22
Voltaje circ. abierto Voltage open circuit, VOC (V)	38.70	38.90	39.10	39.30
Intensidad de cortocircuito Short circuit current, ISC (A)	14.85	14.88	14.92	14.96
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS				
Coeficiente de temp. Temp. Coefficient (PMAX)	-0.36%/°C			
Coeficiente de temp. Temp. Coefficient (ISC)	0.05%/°C			
Coeficiente de temp. Temp. Coefficient (VOC)	-0.28%/°C			
Temp. de funcionamiento Operating Temperature	-40~+85°C			
NOCT	41±3°C			

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & power Voltage Curve (590)

