

**390-415 W**  
**Perc**

 **182 mm mono half cell**

 **1.722 x 1.134 mm**

 **21.5 kg**

### DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones   Dimensions: 1722*1134	Max. Voltaje   Max. system Voltage (V): 1500Vdc (IEC / UL)
Peso   Weight: 21.5 kg	No máximo. de series   Max. Series Fuse Rating (A): 25A
Cable: 4.0mm <sup>2</sup>	Carga mecánica   Mechanical load: Front Side Max. 5400Pa, Rear Side Max. 2400Pa
Celdas solares   Solar Cells: Mono crystalline 182mm (2x54pcs)	Marco   Frame: Anodized aluminum alloy
Caja de conexiones   Junction box: IP68	Conector   Connector: MC4 Compatible
Cristal   Glass: AR Coated 3.2 mm tempered glass	

## Warranty | Garantía

**25**

**Years | Años**  
Product  
Producto

**30**

**Years | Años**  
Linear power  
Rendimiento lineal

**1**  
TIER

**Bloomberg**  
NEW ENERGY FINANCE

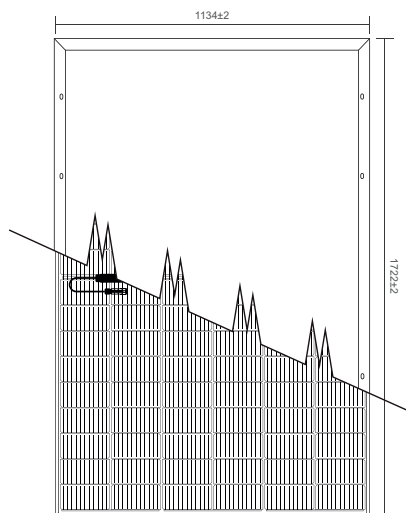
CERTIFIED  
**IEC**  
61730 Ed.1

CERTIFIED  
**IEC**  
61215 Ed.2



Anti-PID  
System voltage durability  
PPP 56042





TIPO TYPE	EX390(108)182	EX395(108)182	EX400(108)182	EX405(108)182	EX410(108)182	EX415(108)182
STC: Irradiance 1000W/m², Cell Temperature 25, Air Mass 1.5						
Potencia de salida   Power output	390	395	400	405	410	415
Potencia tolerada   Power tolerance (W)	(0, +5)					
Eficiencia módulo   Module efficiency (%)	20.0	20.2	20.5	20.8	21.0	21.3
Voltage   Máximo voltage, VMP (V)	30.46	30.84	31.01	31.21	31.45	31.61
Intensidad máxima actual   Current, IMP (A)	12.73	12.81	12.90	12.98	13.04	13.13
Voltaje circ. abierto   Voltage open circuit, VOC (V)	36.85	36.98	37.07	37.23	37.32	37.45
Intensidad de cortocircuito   Short circuit current, ISC (A)	13.61	13.70	13.79	13.87	13.95	14.02
NOCT : Irradiance 800W/m², Ambient Temperature 20, Air Mass1.5, Wind Speed 1m/s						
Potencia de salida   Power output	294	298	302	306	310	314
Voltage   Máximo voltage, VMP (V)	28.87	29.08	29.26	29.47	29.72	29.89
Intensidad máxima actual   Current, IMP (A)	10.18	10.25	10.32	10.38	10.43	10.50
Voltaje circ. abierto   Voltage open circuit, VOC (V)	34.62	34.75	34.88	35.12	35.23	35.37
Intensidad de cortocircuito   Short circuit current, ISC (A)	10.89	10.96	11.03	11.10	11.16	11.22
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS						
Coeficiente de temp.   Temp. Coefficient (PMAX)	-0.350%/°C					
Coeficiente de temp.   Temp. Coefficient (ISC)	0.045%/°C					
Coeficiente de temp.   Temp. Coefficient (VOC)	-0.275%/°C					
Temp. de funcionamiento   Operating Temperature	-40~+85°C					
NOCT	45±2°C					

## I-V CURVAS CURVES

