



## Mono Module 550Wp

### Photovoltaic Solar Energy

#### Principais Características

- Anodized aluminium structure with air chamber and grip lines (more robustness and better handling)
- Low iron tempered glass (less light reflection)
- Connection box IP68 (greater security than required in certifications)
- Excellent behavior at high temperatures.

#### Descrição do Produto

Photovoltaic module constructed with high-performance monocrystalline cells, with robust anodized aluminium structure and with high transparency tempered glass

#### Modelos e Preços

Código	Modelo
2704-0121	Photovoltaic Module 550Wp (Monocrystalline)
2704-0124	Photovoltaic Module 550Wp (Monocrystalline)



TECHNICAL DATA	UNIT	550WP	560WP
Product warranty	Years	12	12
Linear Performance warranty	Years	30	30
ELECTRIC DATA - STC (STANDARD TEST CONDITION)			
(RADIATION=1000W/M2; MODULE TEMPERATURE 25°C; AM=1.5)			
Peak Power (Pmax)	W	550	560
Open circuit tension (Voc)	V	49,90	50,6
Short-circuit current (Isc)	A	14	13,99
Maximum power tension (Vmp)	V	41,96	42,4
Maximum power current (Imp)	A	13,11	13,21
Module efficiency	%	21,28	21,66
ELECTRIC DATA - NMOT (NOMINAL MODULE OPERATING TEMPERATURE)			
(RADIATION=800W/M2; SPECTRUM AM=1.5; ROOM TEMPERATURE=20°C; WIND SPEED=1M/S)			
Peak Power (Pmax)	W	416	424
Open circuit tension (Voc)	V	46,68	48,4
Short-circuit current (Isc)	A	11,17	11,28
Maximum power tension (Vmp)	V	39,43	39,8
Maximum power current (Imp)	A	10,55	10,65
TEMPERATURE CHARACTERISTICS			
Pmax Temperature Coefficient	% / °C	-0,39	-0,39
Voc Temperature Coefficient	% / °C	-0,32	-0,32
Isc Temperature coefficient	% / °C	0,05	0,05
NOCT	°C	45 (+/- 2)	45 (+/- 2)
MECHANICAL CHARACTERISTICS			
Cell type		Monocrystalline (182 x 91mm)	Monocrystalline (182 x 91mm)
Nº of cells		144 (6x24)	144 (6x24)
Dimensions	mm	2279 x 1134 x 35	2279 x 1134 x 35
Weight	kg	28,6	29
Tempered glass	mm	3,2	3,2
Structure		Anodized aluminium	Anodized aluminium
Connection box protection		IP68 (3 bypass diodes)	IP68 (3 bypass diodes)
Electrical cable type	mm2	4 (Length: 350mm)	4 (Length: 300mm)
Connector type		MC4	MC4
Quantity per Pallet	unit	31	31

