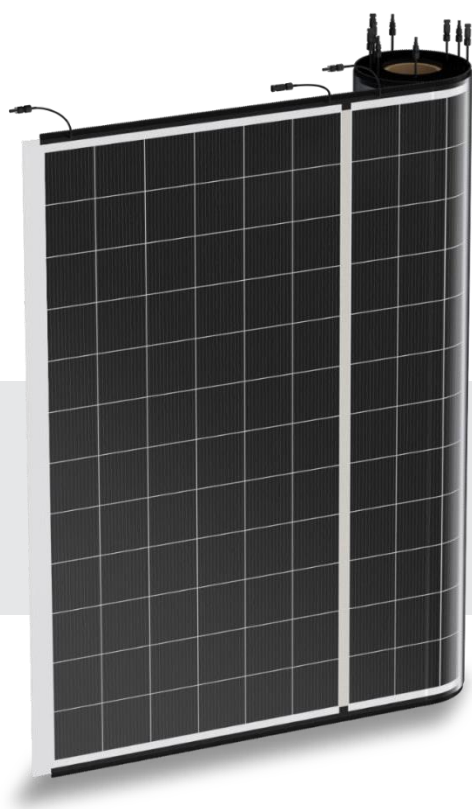


# AE1206

## Rollo solar

### TOTALMENTE FLEXIBLE ULTRA LIGERO



## Tecnología flexible Apollo

Apollo desarrolla y fabrica soluciones y productos innovadores en energía solar, destinados a transformar cualquier superficie bajo el sol en una fuente de electricidad.

El Solar Roll está diseñado específicamente para adaptarse a cualquier estructura liviana con límites de carga o superficies extra curvas.

↓ 80%

Reducción total del  
peso del sistema

↓ 50%

Reducción del costo  
de mano de obra



#1 en eficiencia por  
peso y durabilidad

## CERTIFICATIONS AND TESTS

ISO9001:2015, Design, production and marketing flexible solar panels IEC61215 (2016), IEC61730 (2016) - In process

## MAIN BENEFITS & KEY FEATURES



**Durable and Reliable**  
Patented cell technology with enhanced micro-cracks tolerant, IP68 rated



**Efficient**  
High energy yield due to cell efficiency (16.75%)



**Ultra Lightweight**  
2.6 Kg/sqm, fits light structures with load limits



**Fully Flexible**  
Maintain the building's design with a module that fits the contour



**Fast Deployment**  
Easy to transport, load, and install in various methods, with no additional construction and lower labor costs



**Aesthetic Design**  
Customizable color (full black or transparent), and mounting design

## ELECTRICAL SPECIFICATIONS

AE1206

## ENGINEERING DRAWINGS

AE1206

STC 1,000 W/sqm, (25 ± 2)°C,  
AM 1.5

Single  
module

Maximum Power (Pmax) ±5% 300

Maximum Power Voltage (Vmp) 37.5

Maximum Power Current (Imp) 8

Open Circuit Voltage (Voc) 46.8

Short Circuit Current (Isc) 9.2

Maximum Series Fuse

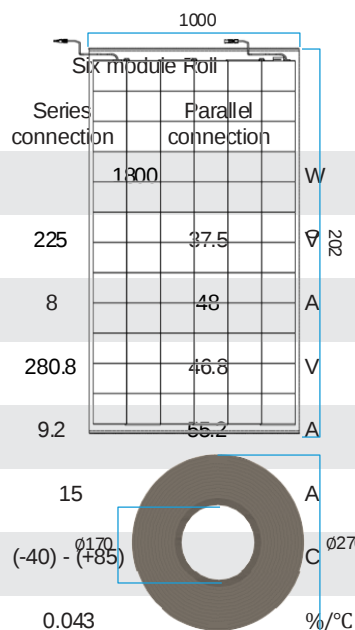
Operating Temperature

Temperature coefficient Isc (α)

Temperature coefficient Voc (β)

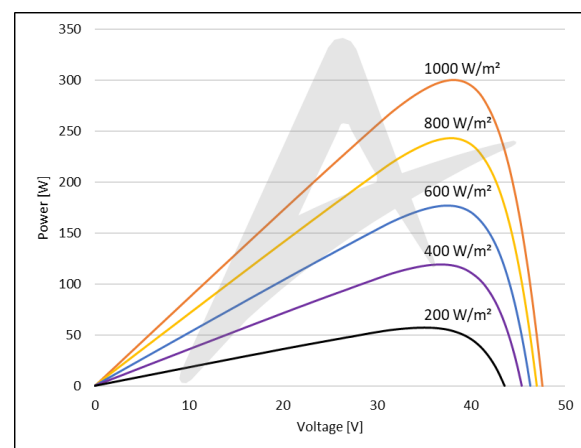
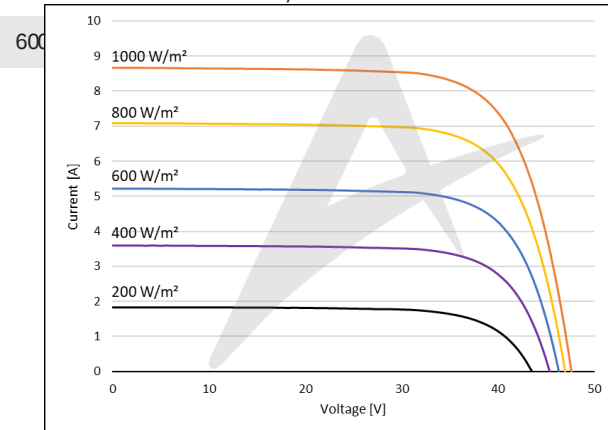
Temperature coefficient Pmax (γ)

Maximum System Voltage



## Performance Data

-0.38 %/°C



## MECHANICAL DATA

AE1206

Panel Type 72 Apollo cells (6X12)

Dimensions (mm) 2020X1000X2.6

Weight (Kg) 5.6±2%

Rolling Diameter (mm) 153±5

Exit Cables Direct exit Front side or Junction Box - IP68 rated

Connector Original MC4

Output Cables 4mm² (length - 35 cm)

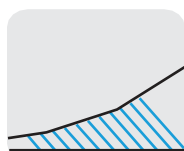
Backside Material POE

Frame Framless module

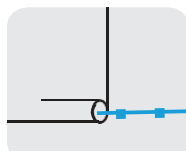
Class (IEC 61730-1:2016) Class II

Fire class (UL 61730, UL790) C

## CUSTOMIZABLE INSTALLATION TECHNIQUES



Durable Adhesive



Bead Keder & Rail

## GUARANTEED POWER

