

# INTEGRATED ENERGY SOLUTIONS

SOLAR | WIND | EV | OFFGRID



DISRUPTIVE INNOVATION OF THIN-FILM TECHNOLOGY



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British engineering manufactured in the UAE





## TRIPLE ARCH - STANDARD EDITION



### Single-Glass Qi Energy series

With innovative single-glass structure, light and beautiful, it can be widely used in load-bearing; made from toughened glass, it is firm and tenacious, showing the dynamic architectural aesthetics with great fashion.

### Single-Glass Triple-Arch - Standard Edition **30W**

It suits for the High-end commercial buildings, with gleaming appearance, combining aesthetics and environment-protection.

#### Physical parameters

Product Model: HW-M036AB1C  
 Length: 700mm  
 Width: 500mm  
 Arch height: 35mm  
 Weight: 5.2KG  
 Color: black  
 Junction Box: 68\*68\*19.7(mm)IP67  
 Cable Type: 2.5mm solar cable 450 (+10/-0) mm  
 Cable Connector: MC4

#### Electrical parameters

Chip Type: CIGS  
 Power: 30W  
 Short-circuit Current: 4.45A  
 Open-circuit Voltage: 10.16V  
 Current at PMPP: 3.87A  
 Voltage at PMPP: 7.79V

#### Function grade

Loading Grade: 2400Pa  
 Waterproof Grade: IP67  
 Fire-proof Grade: B1  
 Hail-proof Grade: level 4 (ANSI FM 4473)  
 Working Temperature: -40°C to +85°C



### Single Glass Qi Energy series

Inheriting the culture of ancient Chinese architecture, with unique cultural deposition and cutting-edge technology.

### Single Glass - Spool split - joint Edition

## 7.4W

It suits for ancient buildings and pseudo-classic architecture and embodies the classical beauty of China.



#### Physical parameters

Product Model: HW-M007PB1C  
 Length: 340mm  
 Width: 160mm  
 Arch Height: 70mm  
 Weight: 1.08KG  
 Color: Black  
 Junction Box: 66.3\*65.8\*25.2 (mm) IP67  
 Cable Type: 2.5mm solar cable 450 (+10/-0) mm  
 Cable Connector: MC4

#### Electrical parameters

Chip type: CIGS  
 Power: 7.4W  
 Short-circuit Current: 2.115A  
 Open-circuit Voltage: 4.82V  
 Current at PMPP: 1.89A  
 Voltage at PMPP: 3.91V

#### Function grade

Loading Grade: 2400Pa  
 Waterproof Grade: IP67  
 Fire-proof Grade: B1  
 Hail-proof Grade: Level 4 (ANSI FM 4473)  
 Working Temperature: -40°C to +85°C



**SPOOL LAP - JOINT EDITION**

## SPOOL SPLIT - JOINT EDITION



### Single-Glass Qi Energy series

It inherits the culture of Chinese ancient architecture and expresses the unique beauty of the roof.

### Single-Glass Spool Lap-Joint Edition

## 7.4W

It suits for ancient architecture and pseudo-classic architecture, classical and beautiful, and its structure is well arranged.



#### Physical parameters

Product Model: HW-M007DB1C  
 Length: 400mm  
 Width: (160,185) mm  
 Arch Height: (80,92.5) mm  
 Weight: 1.08KG  
 Color: Black  
 Junction Box: 66.3\*65.8\*25.2(mm)IP67  
 Cable Type: 2.5mm solar cable 450 (+10/-0) mm  
 Cable Connector: MC4

#### Electrical parameters

Chip Type: CIGS  
 Power: 7.4W  
 Short-circuit Current: 2.115A  
 Open-circuit Voltage: 4.82V  
 Current at PMPP: 1.89A  
 Voltage at PMPP: 3.91V

#### Function grade

Loading Grade: 2400Pa  
 Waterproof Grade: IP67  
 Fire-proof Grade: B1  
 Hail-proof Grade: Level 4 (ANSI FM 4473)  
 Working Temperature: -40°C to +85°C



## The Installation Instruction of Solar Tile

### ► Easy installation and good durability

Qi Energy has fine sealing performance as being waterproof, fire-proof and wind-proof. It has superior performance and long durability.

