

# IP67 Waterproof Solar Connector

This IP67 waterproof solar connector provides a secure connection for photovoltaic systems. It is designed to withstand harsh environmental conditions, ensuring long-term performance.



## ADDITIONAL IMAGES



## Product Overview

### PRODUCT DESCRIPTION

#### SOLAR CONNECTOR

IP67



Detailed component breakdown showing tail nuts, waterproof rings, and core assembly.

## Robust Solar Connectivity

These high-quality MC4 solar connectors are engineered for secure and reliable operation in photovoltaic power systems. Featuring a ruggedized PPO plastic housing and silver-plated copper contacts, they provide exceptional resistance to heat, dust, and environmental wear. Designed with a snap-in self-locking structure, these connectors ensure reliable sealing to IP67 standards, preventing accidental disconnection and protecting against moisture and debris in outdoor conditions.

## Electrical Specifications

### Rated Current

**30 A**

Rated Current

### Max System Voltage

1000 VDC

### Contact Resistance

d0.8m©

## Physical & Environmental

### CHARACTERISTIC



**Robust Enclosure**  
Weatherproof using IP67. You can use the item without worrying about rain, lightning, sleet or heavy, vapourful moisture during winter and summer.



**Parts**  
High-durability PPO plastic, high heat resistance, efficient in fire, wear-resistant, pollution-resistant.



**Applied to products**  
Multiple protection, multiple guarantees, protecting the user and the site that you can use it at home.



**Stable self-locking structure**  
The connection is completed by pressing the male and female parts into a self-locking structure, which can be opened and closed.

High-durability design with IP67 rated housing and self-locking safety tabs.

### Ingress Protection

IP67

### Temperature Range

-40°C to +90°C

### Unmating Force

200 N

### Materials

PPO Plastic, Silver Plated Copper

## Compatibility & Certification

### Product Compatibility Matrix

Order NO.	Conductor Size	Cable OD (mm)
SMC4-CMMM-14	AWG 14 (2.5mm <sup>2</sup> )	4.5 - 8.5
SMC4-CMMM-12	AWG 12 (4.0mm <sup>2</sup> )	N/A
SMC4-CMMM-10	AWG 10	N/A

### Certifications

TUV Approved, UL Listed, Class II