

# MC4 Solar PV System Connector

These MC4 connectors are designed for solar PV systems. They provide a secure and reliable connection for solar panels, ensuring efficient energy transfer.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Solar Connectivity

These professional-grade MC4 connectors are designed to ensure secure and efficient power transmission in photovoltaic systems. Built for durability in demanding outdoor environments, they feature robust insulation and reliable locking mechanisms. This solution is ideal for safely linking solar panels in both series and parallel configurations.

## Electrical Specifications

### Rated Current Capacity

**17 A**

1.5mm<sup>2</sup>

**22 A**

2.5mm<sup>2</sup>

**30 A**

4mm<sup>2</sup> / 6mm<sup>2</sup> / 12AWG / 10AWG

Rated Voltage	1000V DC (IEC)
Test Voltage	6kV (50Hz, 1min)
Contact Resistance	0.5 mΩ

## Mechanical & Environmental

### Protection Rating

IP67 (Mated) • IP2X (Unmated)

Ambient Temperature Range	-40°C to +90°C
Upper Limiting Temperature	105 °C

## Materials & Safety

Contact Material	Tin-plated Copper Alloy
Insulation Material	PC/PPO
Flame Class	UL-90-V0
Standards Compliance	IEC 60068-2-52, Safety Class 2