

**SC4-CONNKIT****DATA SHEET**

PV Solar M+F Connector Kit

Features

- Male and Female Connector Pair
- Rated for up to 1000VDC
- Crimp Connector for 10/12AWG Wire
- IP67 Weatherproof Rating



Applications

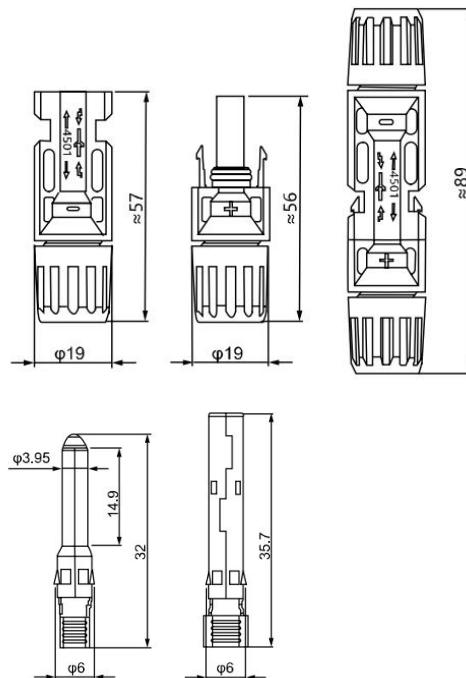
- Remote Power Systems
- Solar Power Applications

Description

The Tycon Solar® SC4-CONNKIT is an industry standard PV connector kit. It includes a male and a female connector with crimp contacts which can accommodate 10AWG and 12AWG wire. The IP67 UV Protected weatherproof connectors are designed for outdoor use in harsh environments.

Specifications

Connector System	4mm ²
Rated Voltage	1000 VDC
Rated Solar Current	30A Max
Test Voltage	6KV (50hz, 1min)
Contact Resistance	<0.5 mΩ
Max Wire Size	10 AWG (6mm ²)
Contact Material	Copper, Tin Plated
Insulation Material	PC/PPO
Flammability Rating	UL-94-V0
Environmental Protection	IP67
Salt Spray	IEC 60068-2-52
Certifications	CE (EN50521:2008), RoHS
Safety Class	II
Operating Temp	-40°C to 75°C (-40°F to 167°F)
Max Temperature	105°C (221°F)
Insertion Force	≤90 N
Withdrawal Force	≥310 N
Dimensions	57mm x 19mm (2.2 x 0.75")
Weight	20g (0.044lb)
Warranty	3 years



System Ordering:

SC4-CONNKIT PV Male + Female Connector Kit, 10/12AWG Wire Crimp

For further information contact: Tyconsystems.com

