

EURONET Solar Connector

1/2 · 1/3 · 1/4 Branch Models | IP68 When Mated | TÜV Certified

EURONET Solar Connectors are branch connectors for photovoltaic strings, supplied ready for field assembly in 1/2, 1/3 and 1/4 configurations. A snap-fit locking arrangement gives quick, secure mating and a simple unlocking tool meets NEC requirements. Crimped, tin-plated copper contacts keep contact resistance and power loss low, while the fire-resistant PPO housing is UV and ozone resistant and rated IP68 when mated, IP20 when unmated.



6 KEY HIGHLIGHTS



Ready for Field Assembly

No assembly required and no small parts to lose on site.



Snap-Lock Mating

Push to connect; press both sides of the built-in lock to separate.



High Current Rating

Highest current rating in the industry with low contact resistance.



UV & Ozone Resistant

Long-term UV protection, tested for 500 hrs to ISO 4892-2.



IP68 When Mated

IP68 protection mated, IP20 unmated, for outdoor PV arrays.



Chemical & Abrasion Proof

Withstands hydrolysis, oil, chemicals, corrosion and extreme temperatures.

GENERAL

Product type	Solar PV branch connector	Male & female, plug and play
Models	1/2 1/3 1/4	Branch configurations
Design standard	IEC 62852	Tested to international standard
Connection method	Crimping	Field assembly
Locking	Snap-fit locking arrangement	Unlocking tool meets NEC requirements

CONSTRUCTION & PROTECTION

Insulation material	Fire-resistant PPO	
Contact material	Tin-plated copper	Low contact resistance
Ingress protection	IP68 when mated / IP20 when unmated	IP67 waterproof also stated for the housing
UV & ozone resistance	Long-term resistant	UV tested 500 hrs per ISO 4892-2
Chemical resistance	Hydrolysis, oil, chemicals, abrasion, corrosion	Also extreme temperatures

CERTIFICATION

Product certification	TÜV certified	CB · IEC · CE · TÜV Rheinland
Regional approval	SASO / SABER	Saudi market conformity
Quality system	ISO 9001:2015 certified	DAkKS / IAF accredited