SolaX Microinverter Accessories
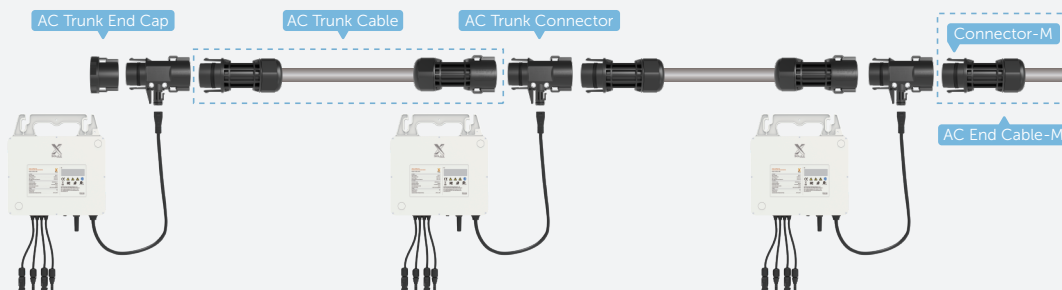
Experience a hassle-free installation with easy, flexible, and reliablecable system

The SolaX microinverter cable system is a revolutionary cabling solution designed specifically for the X1-Micro 1 in 1, X1-Micro 2 in 1 and X1-Micro 4 in 1 series microinverters, which offers a simple and hassle-free installation experience in a PV system with one or multiple microinverters. The plug-and-play design ensures quick and reliable setup, making it easy for users to install. With the flexibility to mix and match connection cables of different sizes and lengths, the intended wiring configuration can be accomplished at a cost-effective price.

Single-Microinverter Solution

Plug and Play Cable
Field Connector

Multi-Microinverter Solution

AC Trunk End Cap
AC Trunk Cable
AC Trunk Connector
Connector-M
AC End Cable-M

Features

Simple

• Plug-and-play designs save installation time by 70% and no intrcomplex wiring and crimping

Compatible

• Work seamlessly with SolaX Microinverters
• Work with Connection Cables of different cable sizes

Efficient

• Handle current up to 40 A, allowing more microinverters to be connected in series and lowering system costs
• Improved internal design lowers connection resistance

Reliable

• Lower error risks during field installation with Plug-and-play design
• Up to 600 V rated voltage of cable system

Sontact Us for More Informations

Single-Microinverter Solution

Field Connector	

The Field Connector is specifically designed for PV systems with a single microinverter.Used to form the Plug and Play Cable, which facilitates a fast and straightforward electrical connection between the microinverter and the grid, serving as a convenient joining component.

Plug and Play Cable	

Plug and Play Cable is specifically designed for PV systems with a single microinverter. It consists of the field connector, AC cable, and plug. The field connector is connected to the microinverter connector, and the plug is connected to the household socket in accordance with local regulations.

Technical Specifications

Connector System Parameter

Pin number	2P + PE
Rated voltage	300 V
Rated current	12 A (Use 1.5 mm^2 copper cable)
Applicable cable specification	1.0 / 1.5 / 2.5 mm^2
Applicable cable outer diameter	8.1 mm to 9.6 mm
Cable connection type	screw pressing
Ambient temperature range	-40˚C to +85˚C
Dimensions (L × W × H)	64 × 28 × 28 mm
Protection degree	IP68
Flame resistance degree	UL94-V0
Compliance	RoHS
Product standard	EN 61984 / UL 6703

Plug and Play Cable Parameter

Consisting components	Field Connector + Cable + AC plug
Cable type	H07RN-F
Conductors cross-sectional area	1.5 mm^2
Cable outer diameter	10.1±0.3 mm
AC Plug standard	EN 50525-2-21
Rated voltage	250 V
Rated current	12 A
Ambient temperature range	-40˚C to +85˚C
Compliance	RoHS

Multi-Microinverter Solution

SolaX POWER

AC Trunk End Cap	AC Trunk Connector

AC Trunk End Cap

Used to protect vacant AC Trunk Connector - M

AC Trunk Connector

Consist of an AC Trunk Connector-M, an AC Trunk Connector-F and Microinverter connector, to connect the microinverter's AC output to the AC Trunk, as well as to join together multiple AC Trunk Cables to create the AC Trunk

AC End Cable-M

Consist of an AC Connector - M and a cable, to connect the microinverter branch to the distribution box

Connector-M

Used to form the AC cable into an AC End Cable or AC Trunk Cable, which completes the connection between the end of the AC Trunk and the distribution box.

AC Trunk Port Disconnect Tool

A versatile tool that can be used to take apart connectors, tighten nuts, and loosen nuts

Connector-F

Used to form the AC cable into an AC End Cable or AC Trunk Cable, which completes the connection between the end of the AC Trunk and the distribution box.

AC Trunk Cable

Consist of an AC Trunk Connector-M, an AC Trunk Connector-F and an AC cable, to connect the AC Trunk Connector

Technical Specifications

Connector System Parameter	
Pin number	2P + PE
Rated voltage	400 V
Rated current	40 A
Max. supported conductor sizes	6.0 mm²
Max. supported cable outer diameter	13.5 mm
Ambient temperature range	-40°C to +85°C
Protection degree	IP68
Flame resistance degree	UL94-V0
Compliance	RoHS
Product standard	IEC 61984
Cable System Parameter	
Cable type	TC-ER
Rated voltage	600 V
Conductor size	12AWG/10AWG
UV exposure rating	UL1581
Cable flame rating	According to IEC 60332-1-2
Ambient temperature range	-40°C to +90°C
Compliance	RoHS
Product standard	E335648(UL)