

# Multi-Microinverter System

## AC Trunk Cable\_20T\_10/12AWG

The AC Trunk Cable, with pre-mounted AC Trunk Connectors evenly distributed, is used to connect the Microinverter to the distribution panel. Growatt offers AC Trunk Cable\_20T\_10/12AWG



## AC Trunk Connector (10/12AWG)

The AC Trunk Connector can be used to connect with the AC Branch Cable of a single Microinverter or multiple Microinverters by assembling the AC Trunk Cable with a couple of hand-in-hand AC Trunk Connectors.



## AC Trunk Port Cap

The AC Trunk Port Cap is used to protect the unused AC trunk connector on site



## AC Trunk End Cap

The AC Trunk End Cap is used to protect port of the AC Trunk Connector and prevent water and dust at the end of AC Trunk Cable.



## AC Sub Connector Unlock Tool

The AC Sub Connector Unlock Tool is used to remove the AC branch wire from the AC Trunk Connector.



## AC Trunk Connector Unlock Tool

The AC Trunk Connector Unlock Tool is used to remove the cover of the AC Trunk Connector for the convenience of removing and assembling the AC cable.



## 2-in-1 Unlock Tool

2-in-1 Unlock Tool, is used to remove the AC branch wire from the AC Trunk Connector and is used to remove the cover of the AC Trunk Connector for the convenience of removing and assembling the AC cable.



## AC Trunk Cable

Model	AC Trunk Cable	
General parameters		
Cable type	10AWG	12AWG
Rated voltage	300V	
Cable outer diameter	12.5± 0.4mm	11.1± 0.3mm
Ambient temperature range	-40°C~+85°C	
AC Trunk Connector spacing	2m	2m
Number of AC Trunk Connectors per AC Trunk Cable	20T	20T
Single AC Trunk Cable length	43.165m	43.165m
Compliance		
Product standard	PPP 59015A:2013, , ANSI/UL 6703-2021	
RoHS compliant	Yes	

## Ordering Options

Model	Number per Box	Box Dimensions(cm)	Weight (kg)	AC bus rated current value
AC Trunk Cable_20T_10AWG	1	36.5*36.5*35.5	15.2	25
AC Trunk Cable_20T_12AWG	1	36.5*36.5*35.5	14.6	32

## AC Trunk Connector

Model	AC Trunk Connector
General parameters	
Pin number	2P+PE (L, N, PE)
Rated current	30 A(4mm2/12AWG)/40A(6mm2/10AWG)
Rated voltage	300V
Contact resistance	1mΩ
Connection Parameters	
Applicable cable specification	10/12AWG
Applicable cable outer diameter	10-13.5mm
Cable connection type	Screw pressing
Sub connector connection type	Crimping
Mechanical Data	
Ambient temperature range	-40~85°C
Dimensions (L*W*H mm)	155*40*45.5
Protection rating	IP68
Compliance	
Flame retardant	UL94-V0
Product standard	PPP 59015A:2013, , ANSI/UL 6703-2021
RoHS compliant	Yes

## DC Extension Cable

Model	DC Extension Cable
Cable	
Cable type	PV1-F 1*4mm2
Rated current	55A
Rated voltage	1000Vdc
Cable length	1m
Ambient temperature range	-40~90°C
Product standard	2PFG 1169
DC Connector	
Manufacturer	Vaconn
Type	Female: VP-D4B-CHSF0+ YF-H4-CSF      Male: VP-D4B-CHSM0+YF-H4-CSM
Rated current	30A
Rated voltage	1100Vdc
Rated impulse withstand voltage	6400Vac
Over- voltage category	III
Ambient temperature range	-40~85°C
Protection rating	IP68
Flame retardant	UL 94-V0
Product standard	IEC 62852
RoHS compliant	Yes