

# CABLE ACCESSORIES

## For Microinverter of BDM2000 Series

### AC Trunk Cable, 10 AWG Cable

AC Trunk Cable is used to connect the microinverter to distribution box.

The Trunk Connector on the AC Trunk Cable is evenly distributed at intervals, NEP provides AC Trunk Cable with different AC Trunk Connector spacing.



### AC Trunk Connector

The AC Sub Connector of the microinverter can be inserted into the port of the AC Trunk Connector.

Plug and play connectors speed up and simplify installation.



### AC Trunk End Cap

Used to protect the cable port of AC Trunk Connector at the end of the AC branch.



### AC Trunk Port Disconnect Tool

Used to disconnect the connection between the microinverter and the AC Trunk Connector.



### AC Trunk Connector Unlock Tool

Used to unlock the AC Trunk Connector upper cover so that the cable can be removed, replaced, and the AC Trunk End Cap installed.



### DC Extension Cable

Connect the microinverter and the PV module when the distance between this two exceeds the original cable length.



# Technical Specifications

Model	AC Trunk Cable
<b>Main Parameters</b>	
Cable type	10 AWG
Rated voltage	600 V
Cable outer diameter	12.5±0.40 mm
Ambient temperature range	-40 C to +90 C
AC Trunk Connector spacing	2.8m
Number of AC Trunk Connectors per Single AC Trunk Cable	5/10/15
Single AC Trunk Cable length	14/28m/42m
<b>Compliance</b>	
Product standard	UL 44, UL 1277, UL 1581
RoHS compliant	Yes

Model	AC Trunk Connector
<b>Main Parameters</b>	
Pin number	2P+PE
Rated current	32 A ( Use 10 AWG/6mm <sup>2</sup> copper cable)
Rated voltage	300 V
Contact resistance	≤5 mΩ
Power frequency withstand voltage	1500VAC
Over voltage type	III
<b>Connection Parameter</b>	
Applicable cable specification	14/12/10 AWG
Applicable cable outer diameter	10 mm to 13 mm
Cable connection type	Screw pressing
Sub connector connection type	Crimping
<b>Mechanical Data</b>	
Ambient temperature range	-40 C to +85 C
Dimensions (L × W × H mm)	155 × 40 × 45.5
Protection rating	IP68
Flame resistance degree	UL 94-V0
<b>Compliance</b>	
Product standard	PPP 59015A:2013 ANSI/UL 6703-2017
RoHS compliant	Yes

Model	DC Extension Cable
<b>Cable</b>	
Cable type	H1Z2Z2-K 12AWG(4mm <sup>2</sup> )
Rated current	20 A
Rated voltage	Max.1800V DC
Cable length	1 m
Ambient temperature range	-40 C to +90 C
Product standard	2 PFG 1169/08.2007
<b>DC Connector</b>	
Manufacturer	Yonghao
Type	YC02-F, YC02-M
Rated current	35 A
Rated voltage	1500 V DC (TUV), 1500 V DC (UL)
Over voltage category	III
Ambient temperature range	-40 C to +85 C
Protection rating	IP68(1m,1h)
Flame resistance degree	UL 94-V0
Product standard	EN 62852:2014 UL 6703
RoHS compliant	Yes