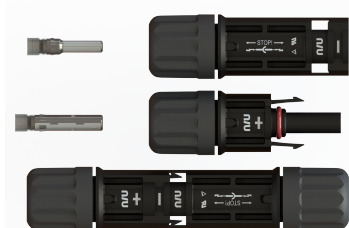


A4 Max Series Solar Connectors

A4 Max Solar Connector



DC 1500V, Copper Cable Connector



IEC 1500V / UL 1500V



-40°C~90°C



IP 68



IEC: 62852 / UL: 6703



UL94-V0



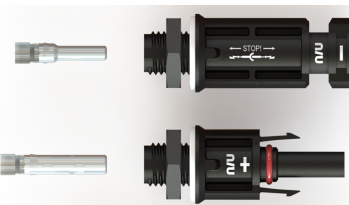
UV Resistance



TYPE	Cable Spec	Cable OD	Voltage	Current
A4-6 Max	2.5mm ² /4mm ²	4.7mm~6.0mm	1500V	25A/35A
A4-7 Max	4mm ² /6mm ²	5.6mm~7.0mm	1500V	35A/40A
A4-9 Max	6mm ² /10mm ²	7.0mm~9.0mm	1500V	40A/50A
A4-10 Max	16mm ²	8.5mm~10mm	1500V	70A

A4 P Series Panel Connectors

A4-P Solar Connector



DC 1500V, Panel Connector



IEC 1500V / UL 1500V



-40°C~90°C



IP 68



IEC: 62852 / UL: 6703



UL94-V0



UV Resistance



TYPE	Cable Spec	Cable OD	Voltage	Current
A4-P-7	2.5mm ² /4mm ² /6mm ²	Max 8.0mm	1500V	25A/35A/40A
A4-P-10	10mm ²	Max 8.0mm	1500V	50A
A4-P-16	16mm ²	Max 10.0mm	1500V	70A

A4 nB1 Branch Connectors

A4 nB1 Solar Connector



DC 1500V, Branch Connectors



IEC 1500V



-40°C~90°C



IP 68



IEC: 62852



UL94-V0



UV Resistance



TYPE	Voltage	Current	IP	Remark
A4-2B1	1500V	70A	IP68	
A4-3B1	1500V	70A	IP68	
A4-4B1	1500V	70A	IP68	
A4-5B1	1500V	70A	IP68	

Remark: A4 series connectors use high quality weather resistance materials that guarantee long-term reliability.



Al Cable Connection Solution for solar system

FEATURES:

- LOW CABLE & BOS COST
- MAX RATED SYSTEM VOLTAGE DC 1500V
- UV RESISTANCE
- HI-TECH RELIABILITY TECHNOLOGY
- UL94-V0 FIRE RESISTANCE
- IP 68



SOLAR DC Al Cable
DC 1500V
TUV:2pfg 2642

A4-A Aluminium Alloy Cable Connectors

A4-A Solar Connector



DC 1500V, Al Cable Alloy Connector



IEC 1500V



-40°C~85°C



IP 68



IEC: 62852



UL94-V0



UV Resistance

TYPE	Al Cable Spec	Cable OD	Voltage	Current
A4-A-7	6mm ² /10AWG	5.6mm~7.0mm	1500V	35A
A4-A-9	10mm ² /8AWG	7.0mm~9.0mm	1500V	40A
A4-A-10	16mm ² /6AWG	8.5mm~10mm	1500V	50A

A4-T Copper-Aluminium Cable Adapter

A4-T Solar Adapter



DC 1500V, Cu-Al Cable Adapter Connector



IEC 1500V



-40°C~85°C



IP 68



IEC: 62852



UL94-V0



UV Resistance

TYPE	Copper Cable	Al Cable	Voltage	Current
A4-T-0406	4mm ² /12 AWG	6mm ² /10AWG	1500V	50A
A4-T-0610	6mm ² /10 AWG	10mm ² /8AWG	1500V	50A
A4-T-1016	10mm ² /8 AWG	16mm ² /6AWG	1500V	70A

Al Cable



Copper Cable

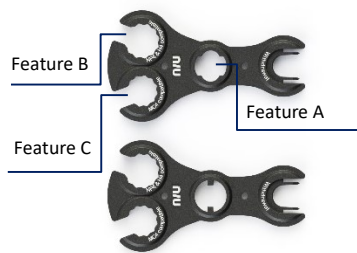
A4-T Adapter IP68 Housing

Remark: A4 series connectors use high quality weather resistance materials that guarantee long-term reliability. A4 could match 4mm² to 16mm² cables, they could be widely used in different applications. A4 series connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C.



A4 Wrench Tools

Wrench Tool



Wrench Tools for MC4 Series



UL94-V0

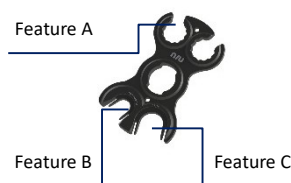


UV Resistance

TYPE	Feature A	Feature B	Feature C	Remark
NP3001	MC4,TS4,PV-LR5,A4...	Match:A4, H4,UTX,TS4,T4	Match:MC4,EVO2, JK03M,PV-LR5	
NP3002	EVO2,JK03M...			

A6 Wrench Tools

Wrench Tool



Wrench Tool for A6



UL94-V0



UV Resistance

TYPE	Feature A	Feature B	Feature C	Remark
NP3005	A6 NUT Screw	For A4	For A6	

Seal Protective Cap

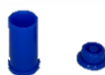
Seal Protective Cap

Protective Cap NP6001,NP6002



Seal Plug

NB6008,NP6009



Seal Protective Caps

TYPE	Compatible	Compatible with	IP	Remark
NP6001	Female Connector	A4,MC4,EVO2,H4,TS4	IP42	Blue color
NP6002	Male Connector	PV-LR5,JK03M.....	IP42	
NB6008	Female Connector	A4,MC4,EVO2,H4,TS4	IP65	
NB6009	Male Connector	PV-LR5,JK03M.....	IP65	

Cable Cutter

Cable Cutter



剪线钳

Cable Cutter

TYPE	Cable Range	Remark
NB8001	≤16mm ² /6AWG	

Remark:

1,The exposure to or direct contact with chemicals or oils of A4 & A6 products may cause corrosion, degradation of performance, or cracking of the product, thus such exposure or direct contact should be strictly prohibited during the process of product manufacturing, transportation, installation and application. The chemicals that may come into contact with or be used in the process above.

2,Customized options available, for more information, please contact NIU Power sales team: Marketing@niu-power.com



Crimping Tool for U Type Terminals

Terminal Crimping Tool



U Type Terminal

Cable & Terminal Crimping Tool

TYPE	Cable Range	Terminal Type	Remark
NB2546	2.5mm ² /14AWG ~6mm ² /10AWG	U Type	

Crimping Tool for O Type Terminals

Terminal Crimping Tool



O Type Terminal

Cable & Terminal Crimping Tool

TYPE	Cable Range	Terminal Type	Remark
NB4610	4mm ² /12AWG ~10mm ² /8AWG	O Type	

Crimping Tool for O Type Terminals

Terminal Crimping Tool



Cable & Terminal Crimping Tool for A4

TYPE	Description	Terminal Type	Remark
NB1600	For A4 Max & A4-A	O Type (16mm ² /6AWG)	
NB1601	For A4-T	O Type (16mm ² /6AWG)	

Wire Stripping Tools

Wire Stripping Tool



Wire Stripping Tool

TYPE	Cable Range	Remark
NB8002	2.5mm ² /14AWG ~6mm ² /10AWG	

Solar Connector Tool BOX

Connector Tool Box



Solar Connector Tool Box

TYPE	Material PN	Material Name	QTY
NBOX01	NB2546	Crimping Tool	1 Pcs
	NB8001	Cable Cutter	1 pcs
	NB8002	Wire Stripping Tool	1 Pcs
	NP3001	Wrench Tool(MC4)	1 Pcs
	NP3002	Wrench Tool(EVO2)	1 Pcs
	NP3005	A6 Wrench Tool	1 Pcs



STAUBLI Original MC4

MC4 for Cables



Original MC4, IEC 1000V, UL 1500V

TYPE	Cable Spec	Terminal Type	Cable OD
PV-KST4/2.5 IUR	2.5mm ² /14AWG	U Type	5.0~6.0mm
PV-KST4/6 IUR	4mm ² /12AWG ~6mm ² /10AWG	U Type	5.0~6.0mm
PV-KST4/6 IIUR	4mm ² /12AWG ~6mm ² /10AWG	U Type	5.9~8.8mm
PV-KST4/10 IIUR	10mm ² /8AWG	O Type	5.9~8.8mm

STAUBLI Original EVO2

EVO2 for Cables



Original EVO2, IEC 1500V, UL 1500V

TYPE	Cable Spec	Terminal Type	Cable OD
PV-KST4-EVO2/2.5 I-UR	2.5mm ² /14AWG	U Type	4.7~6.4mm
PV-KST4-EVO2/6 IUR	4mm ² /12AWG ~6mm ² /10AWG	U Type	4.7~6.4mm
PV-KST4-EVO2/6 IIUR	4mm ² /12AWG ~6mm ² /10AWG	U Type	6.4~8.4mm
PV-KST4-EVO2/10II-UR	10mm ² /8AWG	O Type	6.4~8.4mm

Amphenol Original H4

H4 for Cables



Original H4, IEC 1000V, UL 1500V

TYPE	Cable Spec	Terminal Type	Cable OD
H4CFC4D	4mm ² /12AWG ~6mm ² /10AWG	U Type	4.5~7.8mm
H4CFC8D	10mm ² /8AWG	O Type	4.5~7.8mm

Amphenol Original UTX

UTX for Cables



Original H4, IEC 1500V, UL 1500V

TYPE	Cable Spec	Terminal Type	Cable OD
UTX-C4AM	4mm ² /12AWG ~6mm ² /10AWG	U Type	5.3~7.65mm
UTX-C8AI	10mm ² /8AWG	O Type	7.9~9.3mm

TE CONNECTIVITY Original PV4-S

PV4-S for Cables



Original PV4-S, IEC 1500V, UL 1500V

TYPE	Cable Conductor	Terminal Type	Cable OD
2-2270024-1	4mm ² /12AWG ~6mm ² /10AWG	U Type(Plug)	5.0~7.8mm
2-2270025-1	4mm ² /12AWG ~6mm ² /10AWG	U Type(Socket)	5.0~7.8mm



PHOENIX CONTACT Original SUNCLIX

SUNCLIX for Cables

Original SUNCLIX, IEC 1500V, UL 1500V



TYPE	Cable Conductor	Cable OD Spec	Remark
PV-C-S 1100V	2.5mm ² /14AWG ~6mm ² /10AWG	5.0mm~8.0mm	
PV-C-S 1500V	2.5mm ² /14AWG ~6mm ² /10AWG	5.0mm~8.0mm	
PV-C-S-6-16	6mm ² /10AWG ~16mm ² /6AWG	5.5mm~10.0mm	

LONGI PV-LR5

PV-LR5 for Cables

LONGI, IEC 1500V, UL 1500V



TYPE	Cable Spec	Terminal Type	Cable OD
PV-LR5-46	4mm ² /12AWG ~6mm ² /10AWG	U Type	5.8~6.9mm
PV-LR5-10	10mm ² /8AWG	O Type	7.0~8.5mm

CanadianSolar TLIAN T4

T4 for Cables

TLIAN T4, IEC 1000V, UL 1500V


 CanadianSolar
  TLIAN

TYPE	Cable Spec	Terminal Type	Cable OD
T4-PC-1	4mm ² /12AWG ~6mm ² /10AWG	U Type	4.3~6.6mm
T4-PC-1(Male)	4mm ² /12AWG ~6mm ² /10AWG	U Type	4.3~6.6mm

TrinaSolar TS4

TS4 for Cables

Original TS4, IEC 1000V, UL 1500V



TYPE	Cable Spec	Terminal Type	Cable OD
TS4-F2&M2	4mm ² /12AWG ~6mm ² /10AWG	U Type	5.7~6.8mm
TS4-F4&M4	4mm ² /12AWG ~6mm ² /10AWG	U Type	6.0~7.2mm
TS4-F6&M6	10mm ² /8AWG	O Type	7.0~8.5mm

JinKO JK03M

JK03M for Cables

Original JK03M, IEC 1000V, UL 1500V



TYPE	Cable Spec	Terminal Type	Cable OD
JK03M-46	4mm ² /12AWG ~6mm ² /10AWG	U Type	6.0~7.0mm
JK03M-10	10mm ² /8AWG	O Type	7.5~8.5mm

