

Copper to Alloy Cable Adapter: A4-T



IEC 1500V



IEC62852 Certified



-40℃~85℃



UL94-V0



IP 68

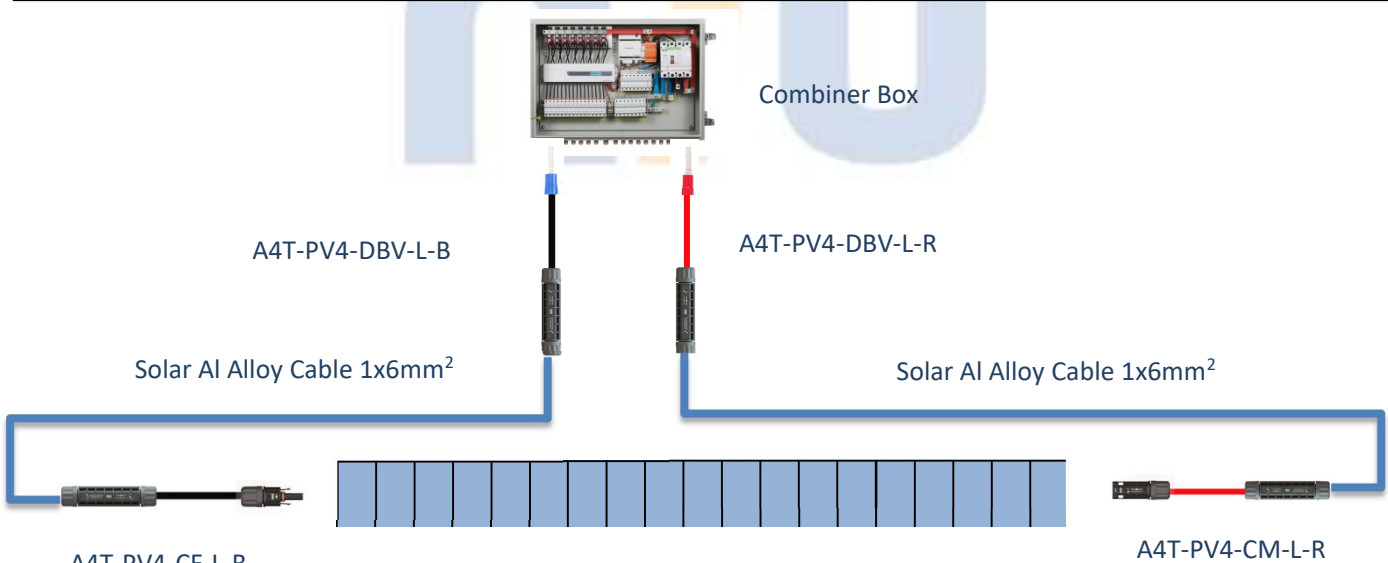


UV Resistance

Product Overview:

A4-T adapter uses high quality weather resistance materials that guarantee long-term reliability and qualified by TUV. It could be installed on site. A4-T adapter could match 6mm² to 16mm² Al alloy cables with 4 mm² to 10mm² copper cables, it could be widely used in different applications. The terminal has patent structure, it has lower contact resistance and higher current transfer capability ensure high product efficiency without cracked risk. A4-T adapter has IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C.

Rated Voltage	IEC 1500V DC
Certified & Qualified	IEC 62852 TUV
Rated Current	30A(6mm ² Alloy cable)/40A (10mm ² Alloy cable) /50A (16mm ² Alloy cable)
Ambient Temp	-40℃ up to +85℃
IP	IP68



Connection Example1 (for Combiner box)



A4T

X(Cable Spec)

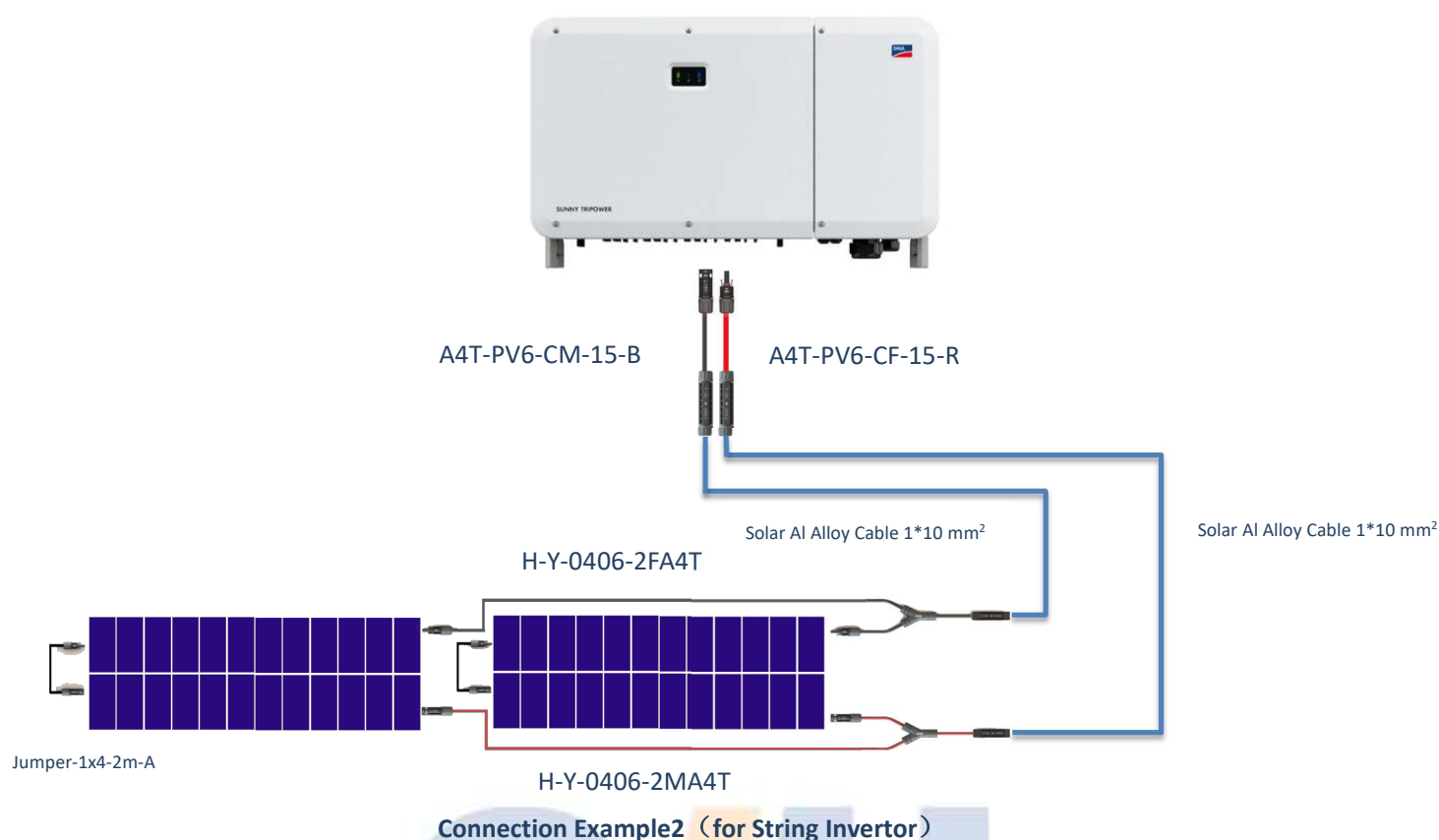
C(Connector type)

L(Cable Length)

R/B(Cable Color)

TYPE	X (Cable Spec)	C(Connector Type)	L (Cable Length)	R/B (Cable Color)	Remark
A4T-PV4-CF-L-B	PV4: 4mm ² Cable	CM: Male Solar Connector	XX cm	B: Black	
A4T-PV4-CM-L-R		CF: Female Solar Connector		R: RED	
A4T-PV4-DBV-L-B		DBV: DBV Terminal		B: Black	
A4T-PV4-DBV-L-R		DBV: DBV Terminal		R: RED	





Typical Material List

TYPE	X (Cable Spec)	C(Connector Type)	L (Cable Length)	R/B (Cable Color)	Remark
A4T-PV6-CM-15-B	PV6: 6mm ² Cable	CM: Male Solar Connector	15 cm	B: BLACK	
A4T-PV6-CF-15-R		CF: Female Solar Connector		R: RED	
H-Y-0406-2FA4T	Input: 2x4mm ² Cable	Input: Female; Output: A4-T	customized	B: BLACK	
H-Y-0406-2MA4T	Output: 1x6mm ² Cable	Input: Male; Output: A4-T		R: RED	

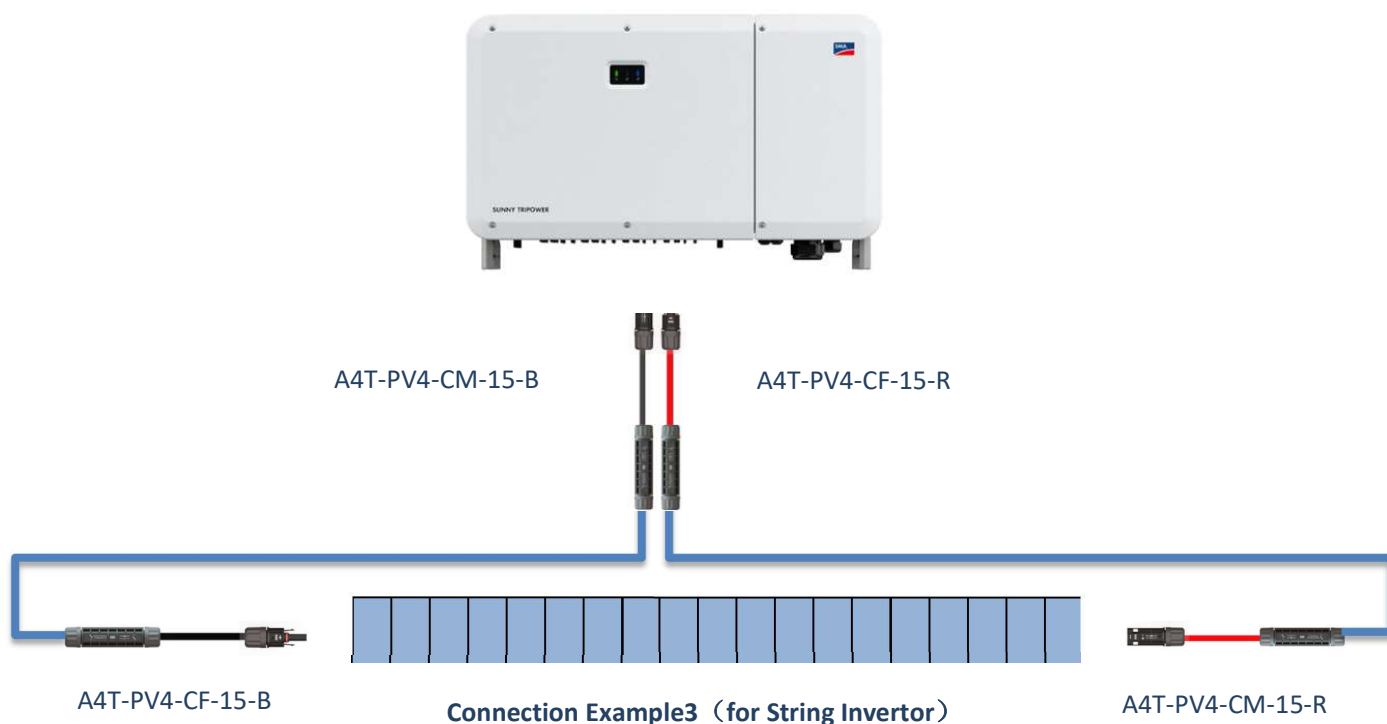
How to order for H-Y Harness: H-Y-X-C-L-R/B

TYPE	X (Cable Spec)	C(Connector Type)	L (Cable Length)	R/B (Cable Color)	Remark
H-Y	0406: Input 2x4mm ² Cable Output 1x6mm ² Cable	2MA4T: Input: Male Solar connector Output: A4 T Adapter	XX cm	R: RED	
	0610: Input 2x6mm ² Cable Output 1x10mm ² Cable	2FA4T: Input: Male Solar connector Output: A4 T Adapter		B: Black	

Remark:

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





Typical Material List

TYPE	X (Cable Spec)	C(Connector Type)	L (Cable Length)	R/B (Cable Color)	Remark
A4T-PV4-CF-15-B	PV4: 4mm ² Cable	CF: Female Solar Connector	15 cm	B: BLACK	
A4T-PV4-CF-15-R		CF: Female Solar Connector		R: RED	
A4T-PV4-CM-15-B		CM: Male Solar Connector		B: BLACK	
A4T-PV4-CM-15-R		CM: Male Solar Connector		R: RED	

How to order for Harness: A4T-X-C-L-R/B; H-Y-X-C-L-R/B

TYPE	X (Cable Spec)	C(Connector Type)	L (Cable Length)	R/B (Cable Color)	Remark
A4T	PV4: 4mm ² Cable	CM: Male Solar Connector	XX cm	R: RED	
	PV6: 6mm ² Cable	CF: Female Solar Connector		B: Black	
	PV10: 10mm ² Cable	DBV: DBV Terminal		-	
	-	VE: VE Terminal		-	
H-Y	0406:2x4mm ² ->1x6mm ²	2MA4T	Customized	R: RED	
	0610:2x6mm ² ->1x10mm ²	2FA4T		B: Black	

How to order for adapter: : A4-T-X

TYPE	Copper Cable Spec	Copper Cable OD	Alloy Cable Spec	Alloy Cable OD	Rated Current
A4-T-0406	4mm ² /12 AWG	5.6mm~7.0mm	6mm ² /10 AWG	5.6mm~7.0mm	30A
A4-T-0610	6mm ² /10 AWG	5.6mm~7.0mm	10mm ² /8 AWG	6.8mm~8.5mm	40A
A4-T-1016	10mm ² /8 AWG	6.8mm~8.5mm	16mm ² /6 AWG	8.0mm~10mm	50A

Remark:

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