JINGHUA

NEW ENERGY

PRODUCT CATALOGUE

PV junction boxes

Solar connectors & branch connections

PV cables & installation accessories

30+ YEARS

OF MANUFACTURING EXPERIENCE

Ningbo Jinghua New Energy Technology Co., Ltd.

Mushan Town, Yuyao, Ningbo, Zhejiang, China

hello@jhbox.com | +86 574 62499118 | jhbox.com



THE CONNECTION BEHIND SOLAR.

ENGLISH EDITION

OUR FACTORY

Manufacturing experience. Built into every connection.



30+

YEARS OF EXPERIENCE

Based in Yuyao, Ningbo, Jinghua combines design, production and quality management for photovoltaic connection products.

The factory has injection moulding and machining equipment, with dedicated R&D, production, quality control and sales departments.

Our portfolio covers photovoltaic junction boxes, solar connectors, T- and Y-type branch connectors, cable assemblies and installation accessories.

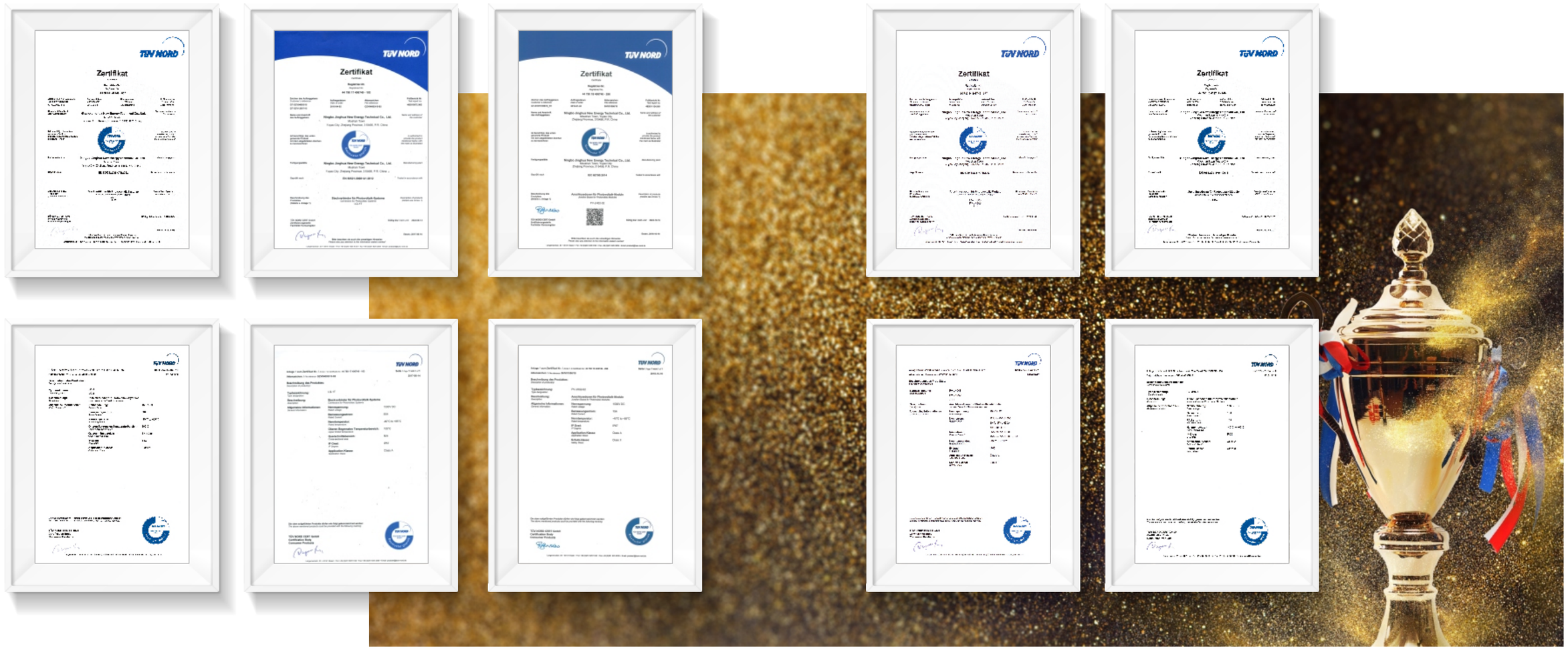
The company brochure records ISO 9001 certification in 2002 and TUV certification for junction boxes and MC4 connectors in 2007. It also records UL-related credentials for connectors.

Product selection and enquiries
hello@jhbox.com
+86 574 62499118
jhbox.com

CERTIFICATIONS &

QUALITY ASSURANCE

Certification documents reproduced from the company brochure. Ask our team for current certificates and the coverage of your selected product model.



Original certificate reproductions retain their issued language and markings.

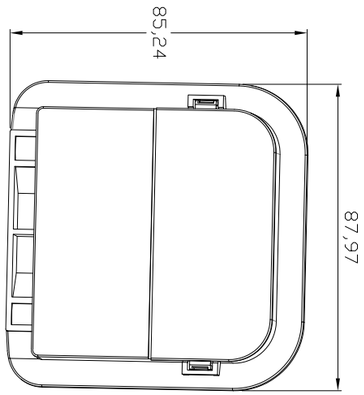
Certification validity and scope are subject to the latest model-specific documentation.

PV JUNCTION BOXES

JH SERIES / MODULE CONNECTION PRODUCTS

JH02-02

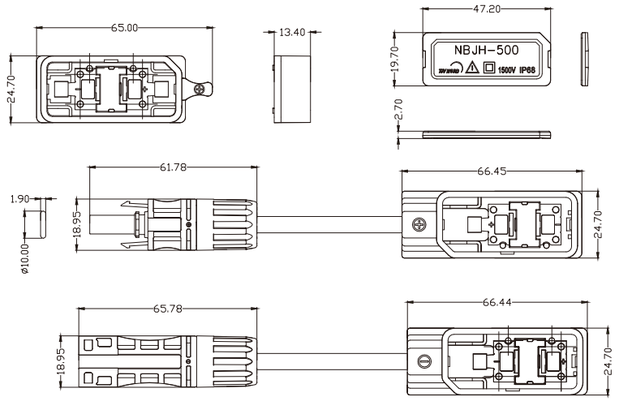




PRODUCT PARAMETERS	
Power	350W
Number of diodes	3
Rated voltage	1500V DC
Rated current	20A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP68
Flame class	UL94-V0
Dimensions	87.7*85*18mm

JH500





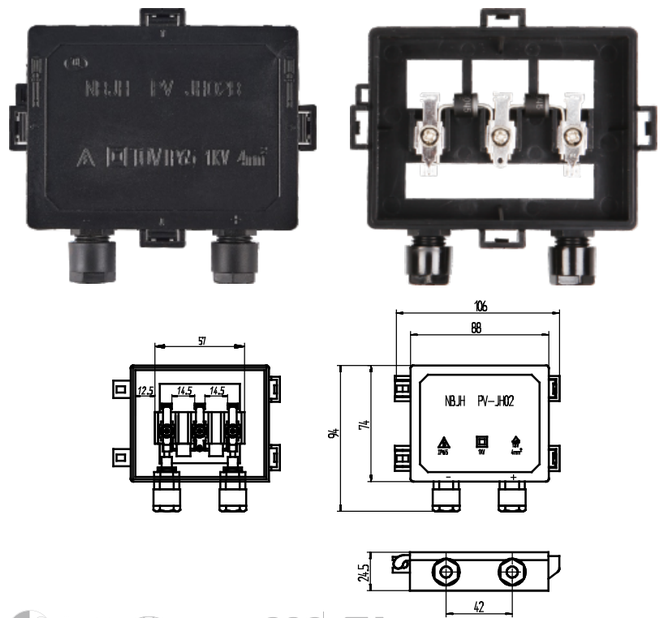
PRODUCT PARAMETERS	
Power	500-660W
Number of diodes	3
Rated voltage	1500V DC
Rated current	50A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP68
Flame class	UL94-V0
Dimensions	66*25*14mm

JH02



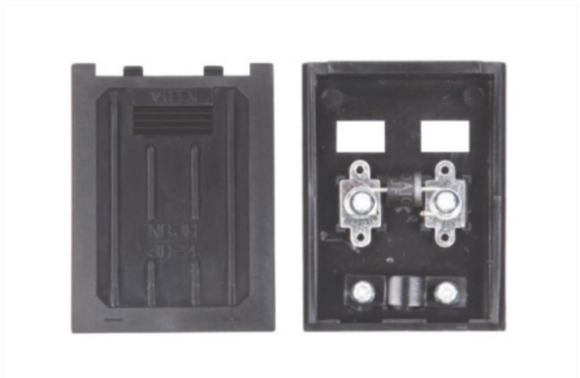
PRODUCT PARAMETERS	
Power	120W
Max. number of diodes	4
Rated voltage	1000V DC
Rated current	12A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP65
Flame class	UL94-V0
Dimensions	88*74*23mm

JH02B



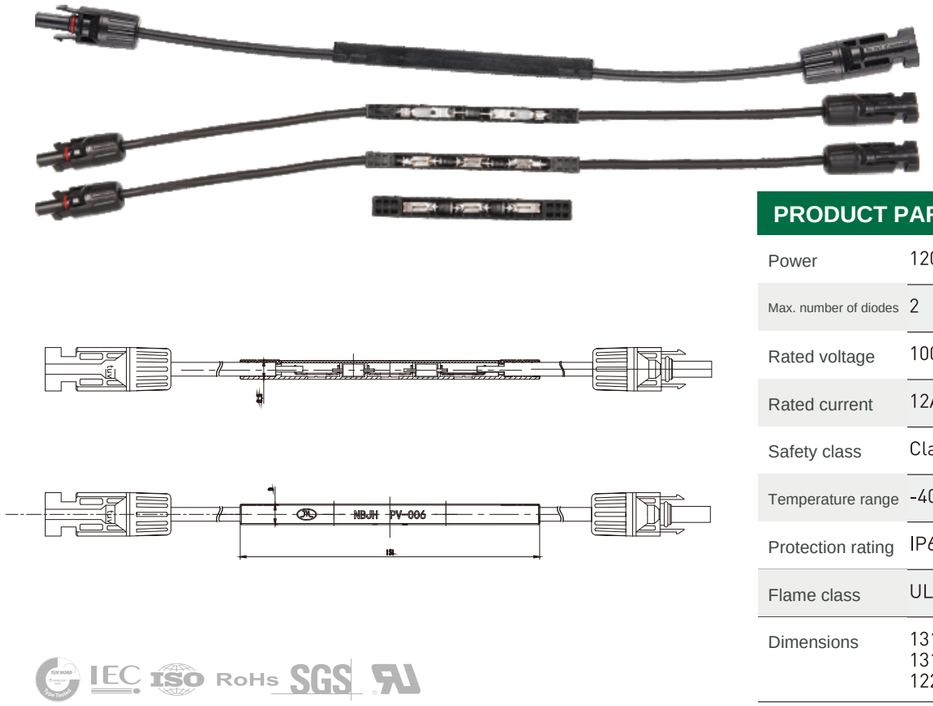
PRODUCT PARAMETERS	
Power	150W
Max. number of diodes	4
Rated voltage	1000V DC
Rated current	12A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP67
Flame class	UL94-V0
Dimensions	97*73*23mm

JH04



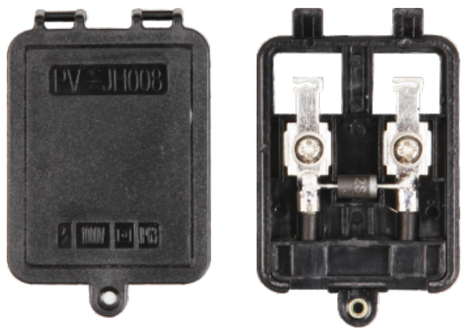
PRODUCT PARAMETERS	
Power	120W
Max. number of diodes	4
Rated voltage	1000V DC
Rated current	12A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP65
Flame class	UL94-V0
Dimensions	88*74*23mm

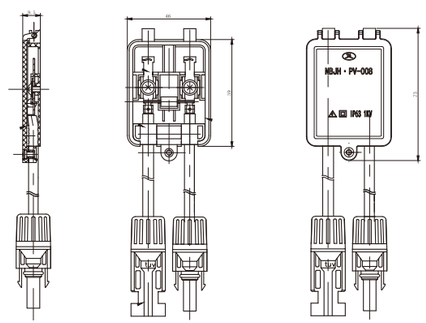
JH006/JH006A/JH006B



PRODUCT PARAMETERS	
Power	120W
Max. number of diodes	2
Rated voltage	1000V DC
Rated current	12A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP65
Flame class	UL94-V0
Dimensions	131*9*8mm 131*9*10mm 122*12.5*12.5mm

JH008

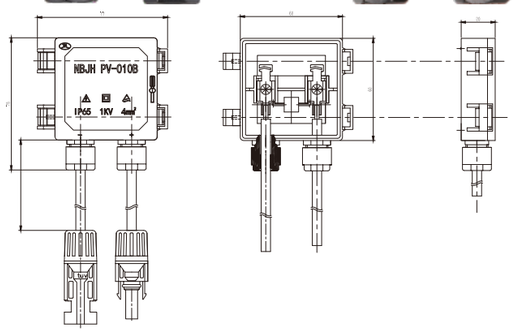




PRODUCT PARAMETERS	
Power	50W
Max. number of diodes	1
Rated voltage	1000V DC
Rated current	12A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP65
Flame class	UL94-V0
Dimensions	60*47*10mm

JH010B



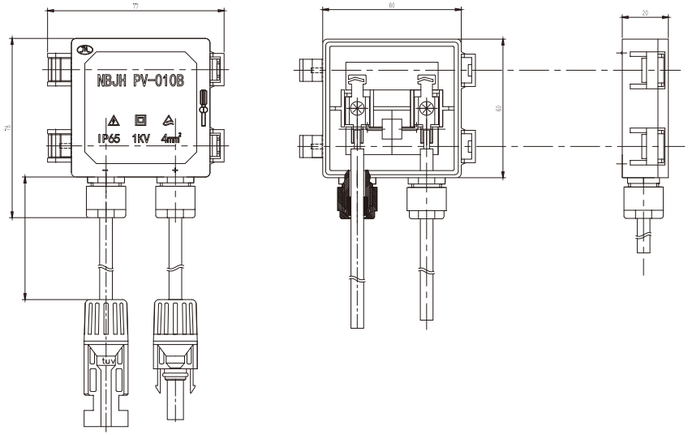


PRODUCT PARAMETERS	
Power	60W
Max. number of diodes	1
Rated voltage	1000V DC
Rated current	10A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP65
Flame class	UL94-V0
Dimensions	60*60*20mm

JH011







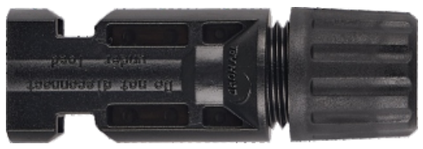
PRODUCT PARAMETERS	
Power	60W
Max. number of diodes	1
Rated voltage	1000V DC
Rated current	10A
Safety class	Class II
Temperature range	-40°C~+90°C
Protection rating	IP65
Flame class	UL94-V0
Dimensions	60*60*20mm

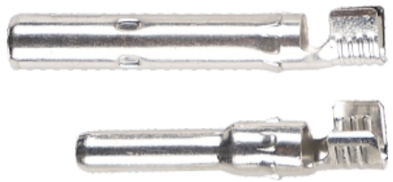
SOLAR CONNECTORS

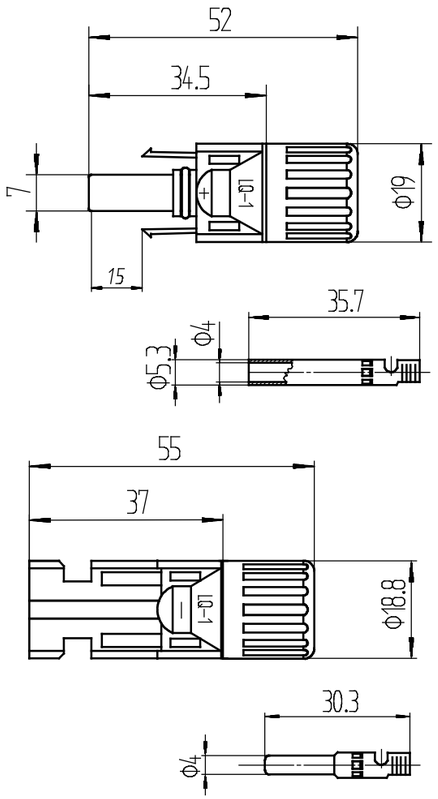
LQ SERIES / PV DC CONNECTIONS

LQ-1









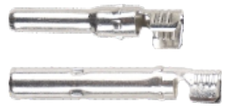
PRODUCT PARAMETERS	
Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-2/LQ-2U

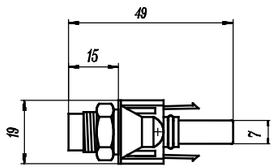


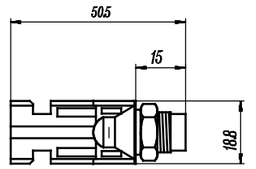
LQ-2





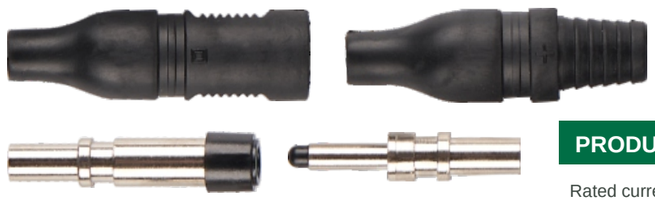
LQ-2U

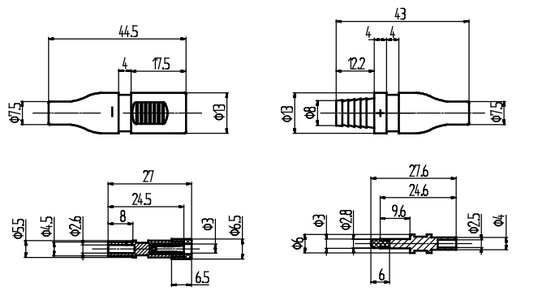




PRODUCT PARAMETERS	
Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-3

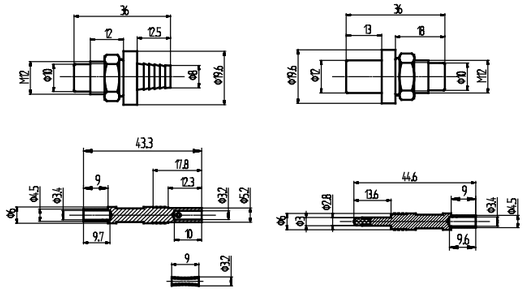




PRODUCT PARAMETERS	
Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-3L



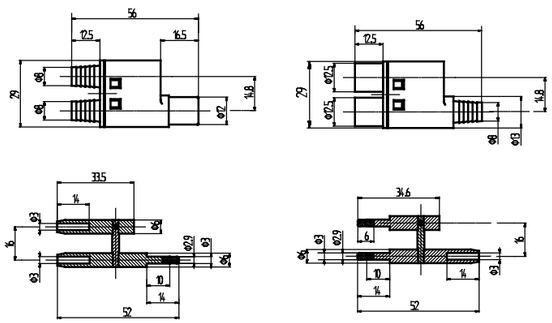


PRODUCT PARAMETERS

Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-3T

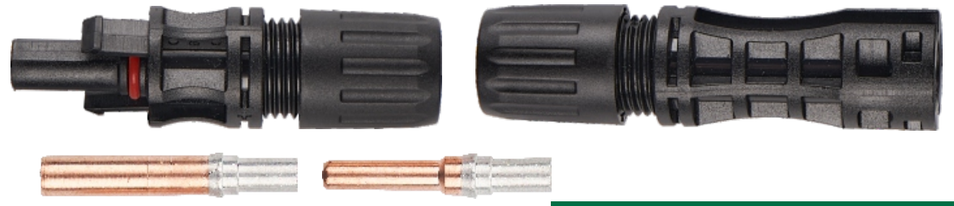


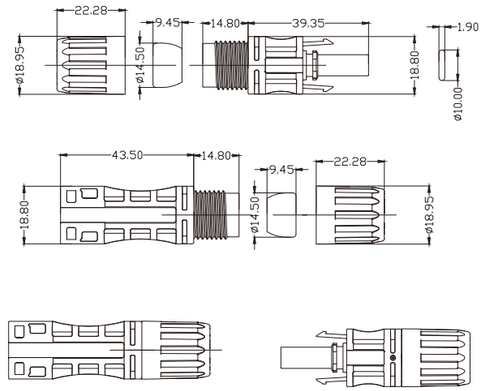


PRODUCT PARAMETERS

Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-4





PRODUCT PARAMETERS

Rated current	50A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-4T/LQ-4F

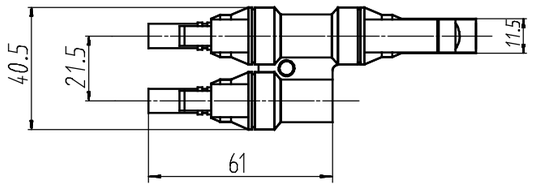


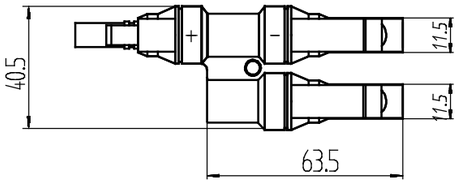
PRODUCT PARAMETERS

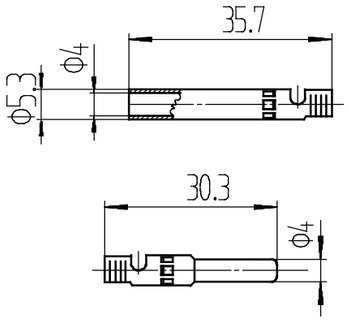
Rated current	50A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1T 2-to-1 T-Branch Connector



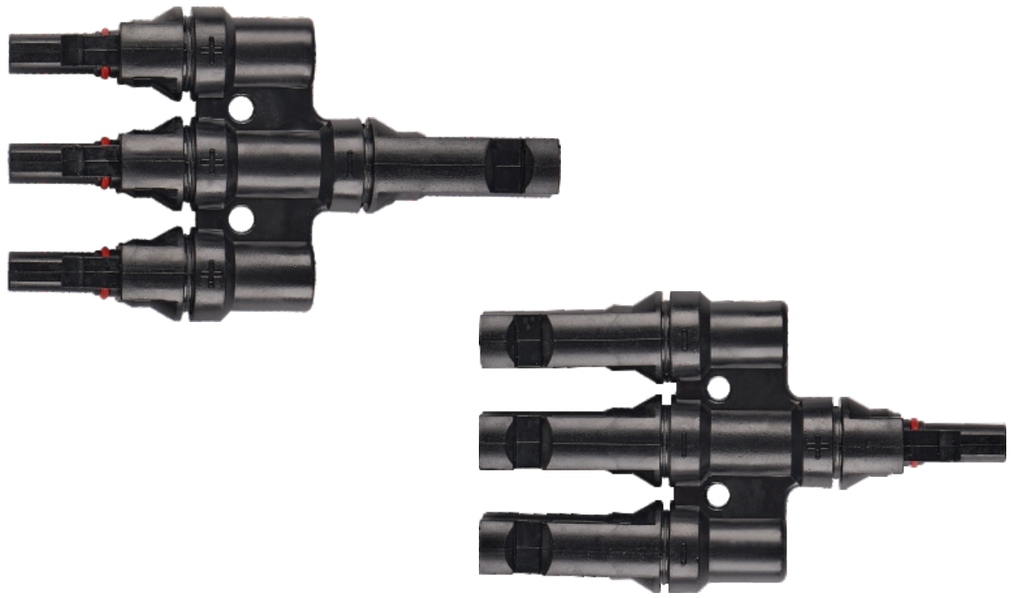


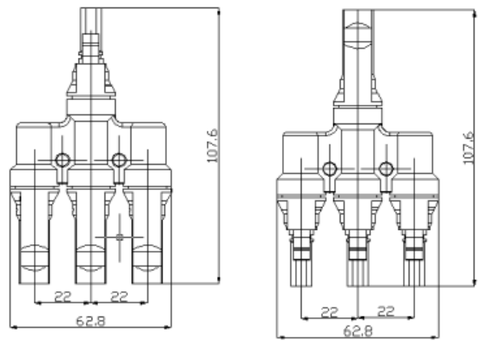




PRODUCT PARAMETERS	
Rated current	50A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1T3 3-to-1 T-Branch Connector



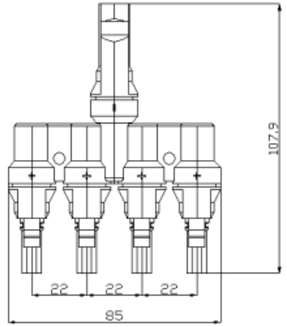


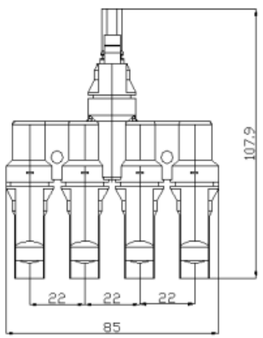
PRODUCT PARAMETERS	
Rated current	50A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1T4 4-to-1 T-Branch Connector







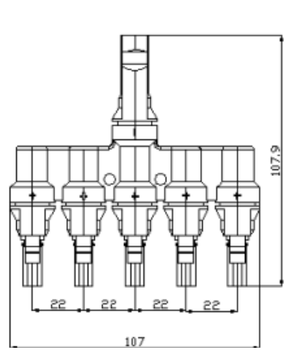


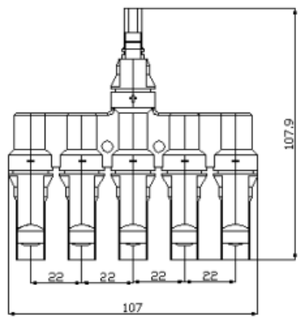
PRODUCT PARAMETERS	
Rated current	50A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1T5 5-to-1 T-Branch Connector





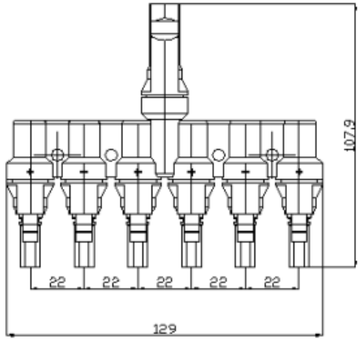


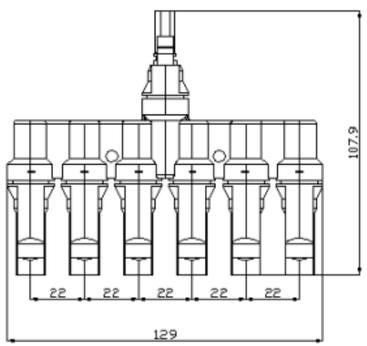


PRODUCT PARAMETERS	
Rated current	50A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP68 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1T6 6-to-1 T-Branch Connector



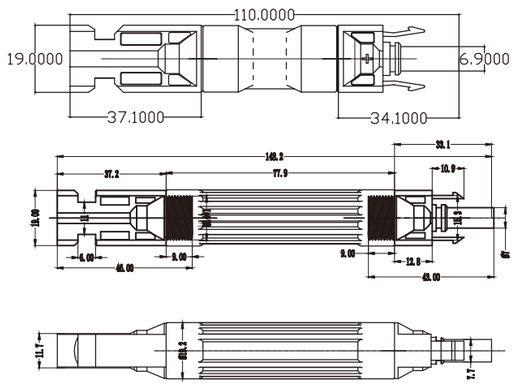




PRODUCT PARAMETERS	
Rated current	50A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP67 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1D/1F





PRODUCT PARAMETERS	
Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP67 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²
Diode / fuse type	Schottky Diode/PV Fuse

LQ-1Y 2-to-1 Y-Branch Connector



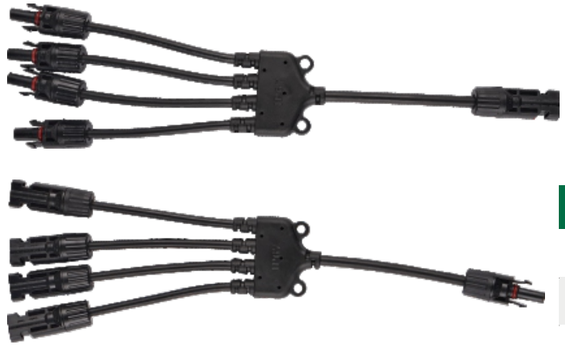
PRODUCT PARAMETERS	
Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP67 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1Y3 3-to-1 Y-Branch Connector



PRODUCT PARAMETERS	
Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP67 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1Y4 4-to-1 Y-Branch Connector



PRODUCT PARAMETERS	
Rated current	30A
Rated voltage	1500V DC (IEC)1000V DC(UL)
Ambient temperature	-40°C~+90°C (IEC)
Protection rating	IP67 mated | IP2X unmated
Contact resistance	0.5mΩ
Contact material	Copper, tin plated
Locking system	Snap-in (nur/only MC4)
Flame class	UL94-HB/UL94-V0
Cable size	2.5mm², 4mm², 6mm²

LQ-1 Branch

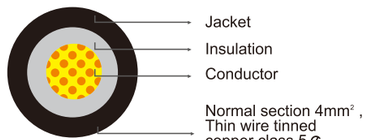


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PHOTOVOLTAIC CABLE

PV1-F / SOLAR DC CABLE





Wire size	AWG	Diameter
mm^2	AWG	mm
2.5	14	2.2
4.0	12	2.9
6.0	10	3.2



Conductor	mm Material	2.5/4.0/6.0 Stranded tinned copper
Insulation	Material Color	Electron beam cross-Linked black,red,bule
Physical / mechanical properties	Max.Coductor Temperature A)Continuous B)At short Circuit Min.Operating Temperature A)Free Installation B)Fixed Installation Min Bending Radius	 .+120℃ .+120℃ .-25℃ .-40℃ ≥4XCable OD
Electrical Features	Voltage Rating U0/U Test Voltage for 5 MinUtes Max.Current Carrying Capaclty(Ferr in Air)	1800/3000V AC /2600V DC 6000V 36A~116A(Depend on dimension)
Marking	TUV 2PfG 1169	

PV INSTALLATION

ACCESSORIES & TOOLS

MC3/MC4 Crimping Tool



Safety lock clip



PV Module Water Drainage Clip



Connector spanner



