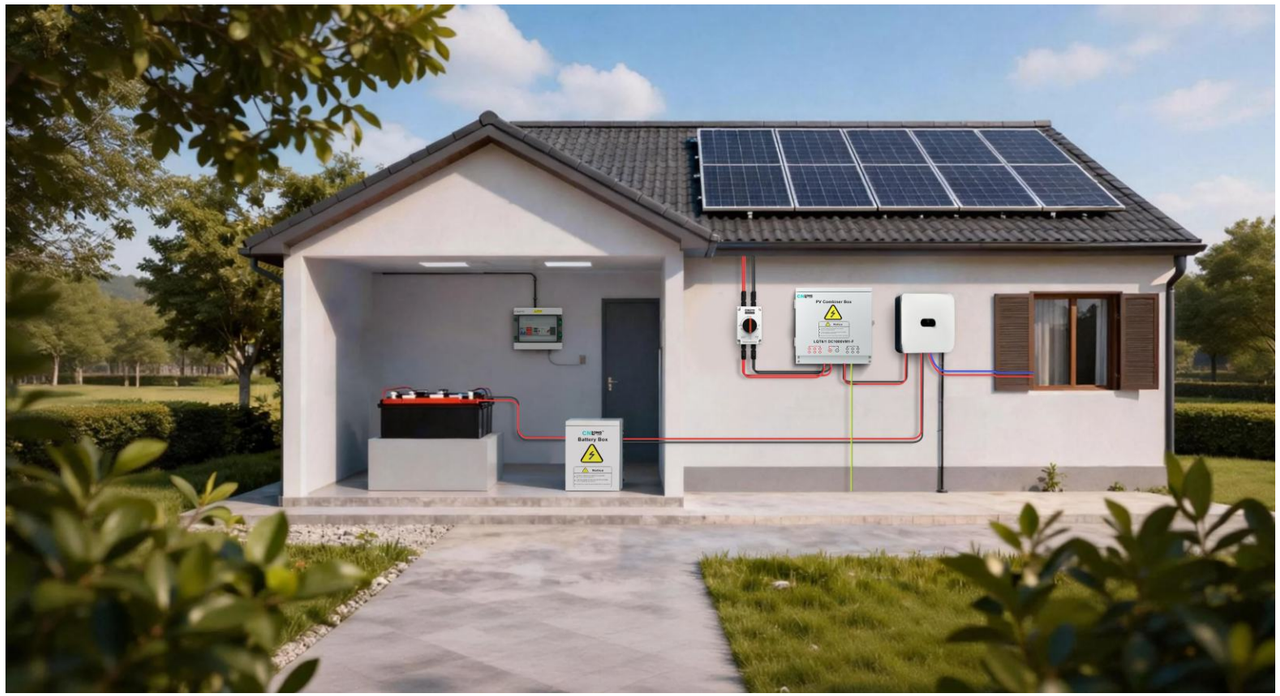
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CNLONQ.com®

Link Optimize Network Quality



QUICK
SELECTION GUIDE

WENZHOU LONGQI NEW ENERGY TECHNOLOGY CO., LTD.

PV Combiner Box / DC/AC Combiner Box / Lightning Protection Box
PV Circuit Breaker Box / Battery Combiner Box// Solar Isolator Switch
DC/AC Components / Waterproof Junction Box / PV Cable and Connector





CNLONQ.com

WENZHOU LONGQI NEW ENERGY TECHNOLOGY CO., LTD.
Support Email:sales@cnlonq.com
Official Website:www.cnlonq.com
Add:Shangyou Zone,Liu Shi Town,Yueqing City,Wenzhou City,China

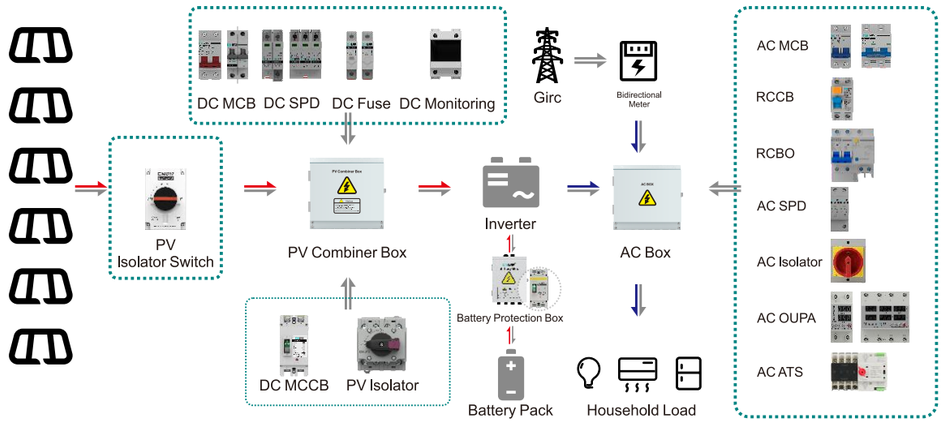
We offer full-scale customization of DC/AC solutions for PV systems, as well as OEM/ODM contract manufacturing services.

Company Profile

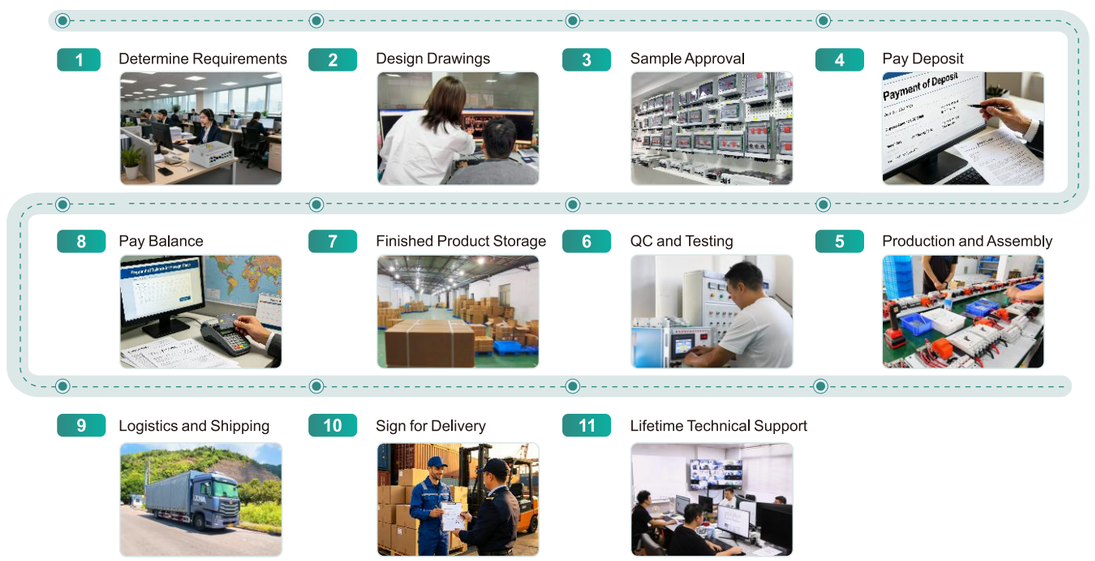
Wenzhou Longqi New Energy Co., Ltd. (Brand: **CNLONQ**)

Founded In 2010 And Headquartered In Yueqing, Wenzhou—China'S Electrical Capital—Wenzhou Longqi New Energy Co., Ltd. Is A Leading Innovator In Photovoltaic System Components And Electrical Protection Equipment. We Specialize In Designing, Manufacturing, And Globally Distributing High-Performance Products Essential For Efficient, Safe Solar Power Generation Systems.

The Company'S Main Factory Covers **10,000m²** With An Additional **2,500m²** Of Warehouse Space. We Support Oem/Odm And Custom Junction Box Solutions, Holding Over **100 Project Certifications And Patents With A Team Of More Than 50 Technical Personnel**. Driven By Innovation And Stringent Quality Control, We Welcome Your Partnership In Building A Cleaner Energy Future Together.



Transaction Process Overview



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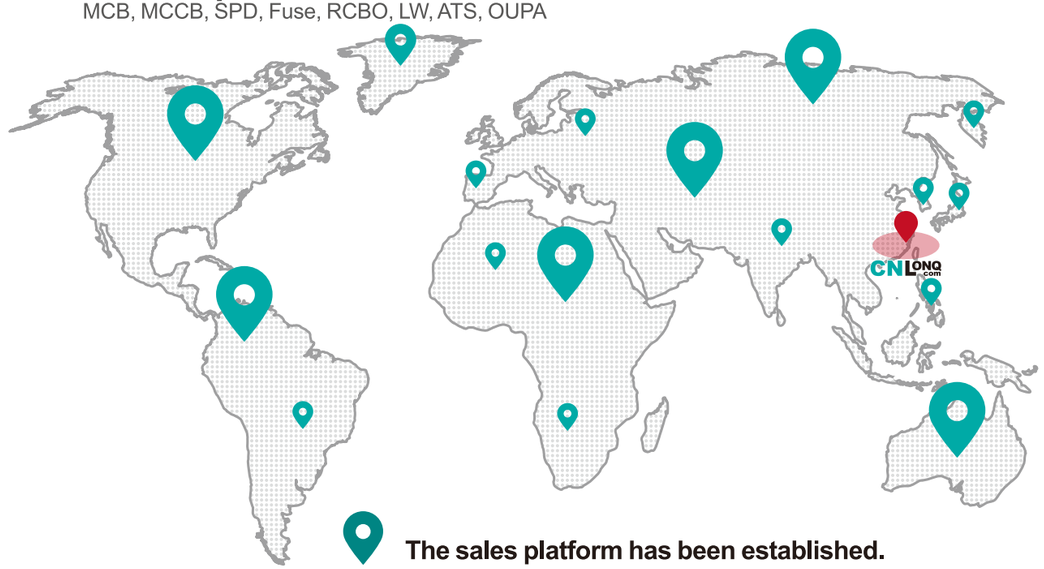
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The sales platform has been established.

Multimodal Transport

Whether it's land, sea, or air transport, there's always a solution that meets your shipping needs.

Plastic PV Combiner Box

DC500V~1000V 1~125A 1~6in 1~6out

Service life: LQX-N > LQX-A > LQX-C



- IP65~68 outdoor waterproof and sun resistant UV-resistant
- Short-circuit protection, overload protection, lightning protection, Isolation circuit
- Durable and sturdy UL94 V-0 flame retardant, corrosion resistant
- OEM/ODM Free Customization for PV Products

TÜVRheinland CE ISO 9001:2015 RoHS IEC UKCA CB

E-mail:sales@cnlonq.com

LQX-N series Plastic case +MCB + SPD + Fuse

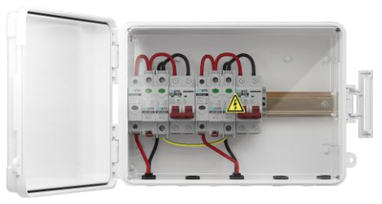
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LQX-N1/1DC500VB1



LQX-N2/1DC500VB1



LQX-N2/2DC500VB1



LQX-N3/1DC500VB1



LQX-N3/3DC500VB1



LQX-N4/1DC500VB1



LQX-N4/2DC500VB1



LQX-N4/4DC500VB1



LQX-N5/1DC500VB1



LQX-N6/1DC500VB1



LQX-N6/2DC500VB1



LQX-N6/6DC500VB1

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-N1/1DC500VB1	500V DC	1~32A	16~63A	1in 1out	225*220*120mm
LQX-N2/1DC500VB1			16~63A	2in 1out	225*220*120mm
LQX-N2/2DC500VB1			16~63A	2in 2out	225*331*120mm
LQX-N3/1DC500VB1			16~125A	3in 1out	225*220*120mm
LQX-N3/3DC500VB1			16~63A	3in 3out	225*331*120mm
LQX-N4/1DC500VB1			16~125A	4in 1out	225*331*120mm
LQX-N4/2DC500VB1			16~63A	4in 2out	225*331*120mm
LQX-N4/4DC500VB1			16~63A	4in 4out	425*331*120mm
LQX-N5/1DC500VB1			16~125A	5in 1out	225*331*120mm
LQX-N6/1DC500VB1			16~125A	6in 1out	225*331*120mm
LQX-N6/2DC500VB1			16~125A	6in 2out	425*331*120mm
LQX-N6/6DC500VB1			16~63A	6in 6out	425*331*120mm

IP68 PV Combiner Box

LQX-N series Plastic case + MCB + SPD + Fuse



LQX-N1/1DC600VL7



LQX-N2/1DC600VL7



LQX-N2/2DC600VL7



LQX-N3/1DC600VL7



LQX-N3/3DC600VL7



LQX-N4/1DC600VL7



LQX-N4/2DC600VL7



LQX-N4/4DC600VL7



LQX-N6/2DC600VL7



LQX-N6/6DC600VL7

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-N1/1DC600VL7	600V DC	1~32A	16~63A	1in 1out	225*220*120mm
LQX-N2/1DC600VL7				2in 1out	225*220*120mm
LQX-N2/2DC600VL7				2in 2out	225*331*120mm
LQX-N3/1DC600VL7				3in 1out	225*220*120mm
LQX-N3/3DC600VL7				3in 3out	225*331*120mm
LQX-N4/1DC600VL7				4in 1out	225*220*120mm
LQX-N4/2DC600VL7				4in 2out	225*331*120mm
LQX-N4/4DC600VL7				4in 4out	425*331*120mm
LQX-N6/2DC600VL7				6in 2out	425*331*120mm
LQX-N6/6DC600VL7				6in 6out	425*331*120mm

LQX-N series Plastic case +QS + SPD + Fuse

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LQX-N1/1DC1000VQ



LQX-N2/1D1000VQ



LQX-N2/2DC1000VQ



LQX-N3/3DC1000VQ



LQX-N4/2DC1000VQ



LQX-N4/4DC1000VQ

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-N1/1DC1000VQ	1000V DC	1~32A	32A	1in 1out	225*200*120mm
LQX-N2/1DC1000VQ				2in 1out	225*200*120mm
LQX-N2/2DC1000VQ				2in 2out	225*331*120mm
LQX-N3/3DC1000VQ				3in 3out	425*331*120mm
LQX-N4/2DC1000VQ				4in 2out	425*331*120mm
LQX-N4/4DC1000VQ				4in 4out	425*331*120mm

IP68 PV Combiner Box

LQX-N series Plastic case + MCB + SPD + Fuse



LQX-N1/1DC1000VB1



LQX-N2/1DC1000VB1



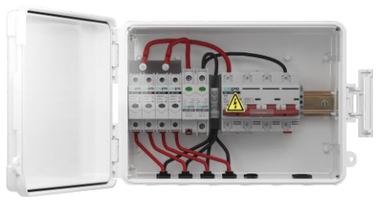
LQX-N2/2DC1000VB1



LQX-N3/1DC1000VB1



LQX-N3/3DC1000VB1



LQX-N4/1DC1000VB1



LQX-N4/2DC1000VB1



LQX-N4/4DC1000VB1



LQX-N5/1DC1000VB1



LQX-N6/1DC1000VB1



LQX-N6/2DC1000VB1

Model	Rated Voltage Ue	Input Current Per String	output Current Per String	String	Size
LQX-N1/1DC1000VB1	1000V DC	1~32A	16~63A	1in 1out	225*200*120mm
LQX-N2/1DC1000VB1			16~63A	2in 1out	225*200*120mm
LQX-N2/2DC1000VB1			16~63A	2in 2out	225*331*120mm
LQX-N3/1DC1000VB1			16~125A	3in 1out	225*331*120mm
LQX-N3/3DC1000VB1			16~63A	3in 3out	425*331*120mm
LQX-N4/1DC1000VB1			16~125A	4in 1out	225*331*120mm
LQX-N4/2DC1000VB1			16~63A	4in 2out	425*331*120mm
LQX-N4/4DC1000VB1			16~63A	4in 4out	425*331*120mm
LQX-N5/1DC1000VB1			16~125A	5in 1out	225*331*120mm
LQX-N6/1DC1000VB1			16~125A	6in 1out	225*331*120mm
LQX-N6/2DC1000VB1			16~125A	6in 2out	425*331*120mm

LQX-N series Plastic case +QS + SPD + Fuse

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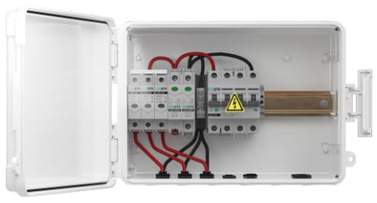
LQX-N1/1DC1000VL7



LQX-N2/1D1000VL7



LQX-N2/2DC1000VL7



LQX-N3/1DC1000VL7



LQX-N3/3DC1000VL7



LQX-N4/2DC1000VL7



LQX-N4/4DC1000VL7



LQX-N6/2DC1000VL7

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-N1/1DC1000VL7	1000V DC	1~32A	16~63A	1in 1out	225*200*120mm
LQX-N2/1DC1000VL7				2in 1out	225*200*120mm
LQX-N2/2DC1000VL7				2in 2out	225*331*120mm
LQX-N3/1DC1000VL7				3in 1out	225*331*120mm
LQX-N3/3DC1000VL7				3in 3out	425*331*120mm
LQX-N4/2DC1000VL7				4in 2out	425*331*120mm
LQX-N4/4DC1000VL7				4in 4out	425*331*120mm
LQX-N6/2DC1000VL7				6in 2out	425*331*120mm

IP65 PV Combiner Box

LQX-A series Plastic case + MCB + SPD + Fuse



LQX-1/1DC500VB1



LQX-2/1DC500VB1



LQX-2/2DC500VB1



LQX-3/1DC500VB1



LQX-3/3DC500VB1



LQX-4/1DC500VB1



LQX-4/2DC500VB1



LQX-4/4DC500VB1



LQX-5/1DC500VB1



LQX-6/1DC500VB1



LQX-6/2DC500VB1



LQX-6/3DC500VB1

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-1/1DC500VB1	500V DC	1~32A	16~63A	1in 1out	210*215*100mm
LQX-2/1DC500VB1			16~63A	2in 1out	210*215*100mm
LQX-2/2DC500VB1			16~63A	2in 2out	258*298*125mm
LQX-3/1DC500VB1			16~125A	3in 1out	258*298*125mm
LQX-3/3DC500VB1			16~63A	3in 3out	285*410*130mm
LQX-4/1DC500VB1			16~125A	4in 1out	258*298*125mm
LQX-4/2DC500VB1			16~63A	4in 2out	285*410*130mm
LQX-4/4DC500VB1			16~63A	4in 4out	422*298*135mm
LQX-5/1DC500VB1			16~125A	5in 1out	285*410*130mm
LQX-6/1DC500VB1			16~125A	6in 1out	285*410*130mm
LQX-6/2DC500VB1			16~125A	6in 2out	422*298*135mm
LQX-6/3DC500VB1			16~63A	6in 3out	422*298*135mm

LQX-A series Plastic case +MCB + SPD + Fuse

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LQX-1/1DC600VL7



LQX-2/1DC600VL7



LQX-2/2DC500VL7



LQX-3/1DC600VL7



LQX-3/3DC600VL7



LQX-4/1DC600VL7



LQX-4/2DC600VL7



LQX-4/4DC600VL7



LQX-6/2DC600VL7



LQX-6/3DC600VL7

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-1/1DC600VL7	600V DC	1~32A	16~63A	1in 1out	210*215*100mm
LQX-2/1DC600VL7				2in 1out	210*215*100mm
LQX-2/2DC600VL7				2in 2out	258*298*125mm
LQX-3/1DC600VL7				3in 1out	258*298*125mm
LQX-3/3DC600VL7				3in 3out	285*410*130mm
LQX-4/1DC600VL7				4in 1out	258*298*125mm
LQX-4/2DC600VL7				4in 2out	285*410*130mm
LQX-4/4DC600VL7				4in 4out	422*298*135mm
LQX-6/2DC600VL7				6in 2out	422*298*135mm
LQX-6/3DC600VL7				6in 3out	422*298*135mm

IP65 PV Combiner Box

LQX-A series Plastic case + QS + SPD + Fuse



LQX-1/1DC1000VQ



LQX-2/1DC1000VQ



LQX-2/2DC1000VQ



LQX-3/1DC1000VQ

LQX-3/3DC1000VQ

LQX-4/2DC1000VQ

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-1/1DC1000VQ	1000V DC	1~32A	32A	1in 1out	210*125*100mm
LQX-2/1DC1000VQ				2in 1out	258*298*125mm
LQX-2/2DC1000VQ				2in 2out	285*410*130mm
LQX-3/1DC1000VQ				3in 1out	258*298*125mm
LQX-3/3DC1000VQ				3in 3out	422*298*135mm
LQX-4/2DC1000VQ				4in 2out	422*298*135mm

LQX-A series Plastic case +MCB + SPD + Fuse

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LQX-1/1DC1000VB1



LQX-2/1DC1000VB1



LQX-2/2DC1000VB1



LQX-3/1DC1000VB1



LQX-3/3DC1000VB1



LQX-4/1DC1000VB1



LQX-4/2DC1000VB1



LQX-5/1DC1000VB1



LQX-6/1DC1000VB1



LQX-6/2DC1000VB1

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-1/1DC1000VB1	1000V DC	1~32A	16~63A	1in 1out	210*215*100mm
LQX-2/1DC1000VB1			16~63A	2in 1out	258*298*125mm
LQX-2/2DC1000VB1			16~63A	2in 2out	285*410*130mm
LQX-3/1DC1000VB1			16~125A	3in 1out	258*298*125mm
LQX-3/3DC1000VB1			16~63A	3in 3out	422*298*135mm
LQX-4/1DC1000VB1			16~125A	4in 1out	285*410*130mm
LQX-4/2DC1000VB1			16~63A	4in 2out	422*298*135mm
LQX-5/1DC1000VB1			16~125A	5in 1out	422*298*135mm
LQX-6/1DC1000VB1			16~125A	6in 1out	422*298*135mm
LQX-6/2DC1000VB1			16~63A	6in 2out	422*298*135mm

IP65 PV Combiner Box

LQX-A series Plastic case + MCB + SPD + Fuse



LQX-1/1DC1000VL7



LQX-2/1DC1000VL7



LQX-2/2DC1000VL7



LQX-3/1DC1000VL7



LQX-3/3DC1000VL7



LQX-4/2DC1000VL7



LQX-6/2DC1000VL7

Model	Rated Voltage Ue	Input Current Per String	output Current Per String	String	Size
LQX-1/1DC1000VL7	1000V DC	1~32A	16~63A	1in 1out	210*125*100mm
LQX-2/1DC1000VL7				2in 1out	258*298*125mm
LQX-2/2DC1000VL7				2in 2out	285*410*310mm
LQX-3/1DC1000VL7				3in 1out	258*298*125mm
LQX-3/3DC1000VL7				3in 3out	422*298*135mm
LQX-4/2DC1000VL7				4in 2out	285*410*310mm
LQX-6/2DC1000VL7				6in 2out	422*298*135mm

LQX-C series Plastic case + MCB + SPD + Fuse

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LQX-C1/1DC500VB1



LQX-C2/1DC500VB1



LQX-C2/2DC500VB1



LQX-C3/1DC500VB1



LQX-C3/3DC500VB1



LQX-C4/1DC500VB1



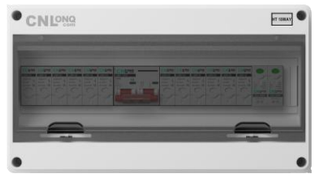
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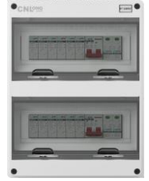
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LQX-C5/1DC500VB1



LQX-C6/1DC500VB1



LQX-C6/2DC500VB1



LQX-C6/3DC500VB1

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-C1/1DC500VB1	500V DC	1~32A	16~63A	1in 1out	153*201*92mm
LQX-C2/1DC500VB1			16~63A	2in 1out	153*201*92mm
LQX-C2/2DC500VB1			16~63A	2in 2out	195*254*105mm
LQX-C3/1DC500VB1			16~125A	3in 1out	195*254*105mm
LQX-C3/3DC500VB1			16~63A	3in 3out	194*360*105mm
LQX-C4/1DC500VB1			16~125A	4in 1out	195*254*105mm
LQX-C4/2DC500VB1			16~63A	4in 2out	194*360*105mm
LQX-C4/4DC500VB1			16~63A	4in 4out	357*271*110mm
LQX-C5/1DC500VB1			16~125A	5in 1out	195*305*105mm
LQX-C6/1DC500VB1			16~125A	6in 1out	194*360*105mm
LQX-C6/2DC500VB1			16~125A	6in 2out	357*271*110mm
LQX-C6/3DC500VB1			16~63A	6in 3out	357*271*110mm

IP65 PV Combiner Box

LQX-C series | **Plastic case + MCB + SPD + Fuse**



LQX-C1/1DC600VL7



LQX-C2/1DC500VL7



LQX-C2/2DC500VL7



LQX-C3/1DC600VL7



LQX-C3/3DC600VL7



LQX-C4/1DC600VL7



LQX-C4/2DC600VL7



LQX-C4/4DC600VL7



LQX-C6/2DC600VL7



LQX-C6/3DC600VL7

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-C1/1DC600VL7	600V DC	1~32A	16~63A	1in 1out	153*201*92mm
LQX-C2/1DC600VL7				2in 1out	153*201*92mm
LQX-C2/2DC600VL7				2in 2out	195*254*105mm
LQX-C3/1DC600VL7				3in 1out	195*254*105mm
LQX-C3/3DC600VL7				3in 3out	194*360*105mm
LQX-C4/1DC600VL7				4in 1out	195*254*105mm
LQX-C4/2DC600VL7				4in 2out	194*360*105mm
LQX-C4/4DC600VL7				4in 4out	357*271*110mm
LQX-C6/2DC600VL7				6in 2out	357*271*110mm
LQX-C6/3DC600VL7				6in 3out	357*271*110mm

LQX-C series | **Plastic case +MCB + SPD + Fuse**

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LQX-C1/1DC1000VB1



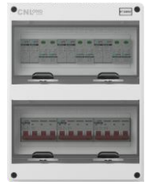
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LQX-C2/2DC1000VB1



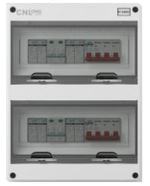
LQX-C3/1DC1000VB1



LQX-C3/3DC1000VB1



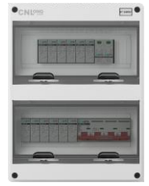
LQX-C4/1DC1000VB1



LQX-C4/2DC500VB1



LQX-C5/1DC1000VB1



LQX-C6/1DC500VB1

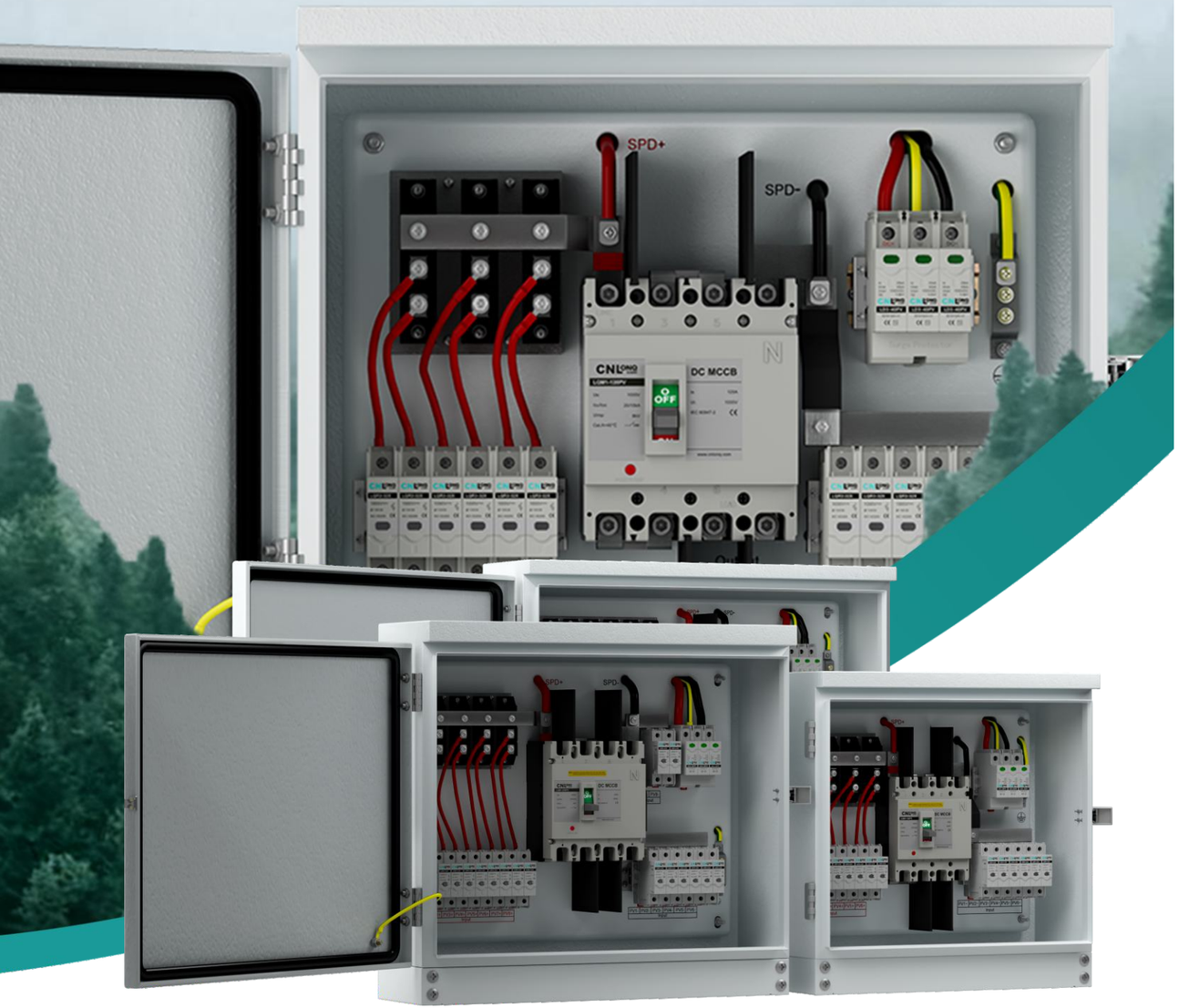


LQX-C6/2DC1000VB1

Model	Rated Voltage Ue	Input Current Per String	Output Current Per String	String	Size
LQX-C1/1DC1000VB1	1000V DC	1~32A	16~63A	1in 1out	153*201*92mm
LQX-C2/1DC1000VB1			16~63A	2in 1out	195*254*105mm
LQX-C2/2DC1000VB1			16~63A	2in 2out	194*360*105mm
LQX-C3/1DC1000VB1			16~125A	3in 1out	195*254*105mm
LQX-C3/3DC1000VB1			16~63A	3in 3out	357*271*110mm
LQX-C4/1DC1000VB1			16~125A	4in 1out	195*305*105mm
LQX-C4/2DC1000VB1			16~63A	4in 2out	357*271*110mm
LQX-C5/1DC1000VB1			16~125A	5in 1out	194*360*105mm
LQX-C6/1DC1000VB1			16~125A	6in 1out	357*271*110mm
LQX-C6/2DC1000VB1			16~63A	6in 2out	357*271*110mm

Metal PV Combiner Box

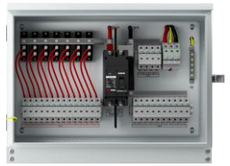
DC500V~1500V 1~800A 1~24in 1~24out



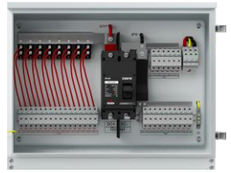
LQT series Metal case + MCB or MCB or QS + SPD +Fuse + Diode



LQT-N/1DC1000VM1



LQT-N/1DC1000VM3



LQT-N/1DC1500VM3



LQT-N/NDC500VB1



LQT-N/NDC1000VB1



LQT-N/NDC1000VQ

Tips:
Metal PV combiner boxes support up to 24 strings of input and 24 strings of output and can be customized to meet specific requirements.

N stands for the quantity of the strings inside the box (input/output)

Technical data	
Model	LQT
String	1~24 in 1~24 out
Rated Voltage Ue (V)	DC 500/600/1000/1500
Maximum input current per string (A)	10~125
Maximum output current per string (A)	32~800
Quality Certificate	TUV, CB,CE,UKCA,ISO9001,RoHS,IP65
Protection Level	IP65
Impact Level	IK10
Box Material	Cold-rolled steel or 304 or 316
Operating Temperature	-25ºC ~ +60ºC
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension	Customized to Meet Your Needs

IP65 outdoor waterproof and sun resistant UV-resistant

Short-circuit protection, overload protection, lightning protection, Isolation circuit

Durable and sturdy UL94 V-0 flame retardant, corrosion resistant

OEM/ODM Free Customization for PV Products

E-mail:sales@cnlonq.com

Model	Rated Voltage Ue	Input current per string	Output current per string	String	Size
LQT-3/1DC1000VM1	DC1000V	1~32A	63A~250A	4in 1out	450*450*180mm
LQT-4/1DC1000VM1				4in 1out	450*450*180mm
LQT-6/1DC1000VM1				6in 1out	450*450*180mm
LQT-8/1DC1000VM1				8in 1out	550*510*180mm
LQT-10/1DC1000VM1				10in 1out	650*510*180mm
LQT-12/1DC1000VM1				12in 1out	650*510*180mm
LQT-3/1DC1000VM3	DC1000V	1~32A	63~320A 400~800A	4in 1out	450*450*180mm
LQT-4/1DC1000VM3				4in 1out	450*450*180mm
LQT-5/1DC1000VM3				5in 1out	450*450*180mm
LQT-6/1DC1000VM3				6in 1out	450*450*180mm
LQT-8/1DC1000VM3				8in 1out	550*510*180mm
LQT-8/2DC1000VM3				8in 2out	700*510*180mm
LQT-10/1DC1000VM3				10in 1out	550*510*180mm
LQT-12/1DC1000VM3				12in 1out	650*510*180mm
LQT-14/1DC1000VM3				14in 1out	750*610*220mm
LQT-16/1DC1000VM3				16in 1out	750*610*220mm
LQT-18/1DC1000VM3				18in 1out	850*610*220mm
LQT-20/1DC1000VM3				20in 1out	950*610*220mm
LQT-22/1DC1000VM3				22in 1out	950*610*220mm
LQT-24/1DC1000VM3				24in 1out	950*610*220mm
LQT-4/1DC1500VM3	DC1500V	1~35A	63~320A 400~800A	4in 1out	450*450*180mm
LQT-6/1DC1500VM3				6in 1out	450*450*180mm
LQT-8/1DC1500VM3				8in 1out	550*510*180mm
LQT-10/1DC1500VM3				10in 1out	550*510*180mm
LQT-12/1DC1500VM3				12in 1out	650*510*220mm
LQT-14/1DC1500VM3				14in 1out	650*510*220mm
LQT-16/1DC1500VM3				16in 1out	750*610*220mm
LQT-18/1DC1500VM3				18in 1out	850*610*220mm
LQT-20/1DC1500VM3				20in 1out	950*610*220mm
LQT-22/1DC1500VM3				22in 1out	950*610*220mm
LQT-24/1DC1500VM3				24in 1out	950*610*220mm
LQT-2/2DC500VB1	DC500V	1~32A	16~125A	2in 2out	300*650*160mm
LQT-3/3DC500VB1				3in 3out	400*650*160mm
LQT-4/4DC500VB1				4in 4out	450*650*160mm
LQT-5/5DC500VB1				5in 5out	500*650*160mm
LQT-6/6DC500VB1				6in 6out	550*650*160mm
LQT-8/8DC500VB1				8in 8out	800*650*160mm
LQT-2/2DC600VL7	DC600V	1~32A	16~63A	2in 2out	400*500*160mm
LQT-3/3DC600VL7				3in 3out	400*650*160mm
LQT-4/4DC600VL7				4in 4out	450*650*160mm
LQT-5/5DC600VL7				5in 5out	500*650*160mm
LQT-6/6DC600VL7				6in 6out	550*650*160mm
LQT-8/8DC600VL7				8in 8out	800*650*160mm
LQT-10/10DC500VL7				10in 10out	950*650*160mm
LQT-2/1DC1000VB1	DC1000V	1~32A	16~125A	2in 1out	300*450*160mm
LQT-2/2DC1000VB1				2in 2out	300*650*160mm
LQT-3/3DC1000VB1				3in 3out	400*650*160mm
LQT-4/4DC1000VB1				4in 4out	450*650*160mm
LQT-5/5DC1000VB1				5in 5out	500*650*160mm
LQT-6/6DC1000VB1				6in 6out	550*650*160mm
LQT-8/8DC1000VB1				8in 8out	800*650*160mm
LQT-9/9DC1000VB1				9in 9out	950*650*160mm
LQT-10/10DC1000VB1				10in 10out	950*650*160mm
LQT-12/12DC1000VB1				12in 12out	1050*650*160mm

Model	Rated Voltage Ue	Input current per string	Output current per string	String	Size
LQT-2/2DC1000VL7	DC1000V	1~32A	16~63A	2in 2out	300*650*160mm
LQT-3/3DC1000VL7				3in 3out	400*650*160mm
LQT-4/4DC1000VL7				4in 4out	450*650*160mm
LQT-5/5DC1000VL7				5in 5out	500*650*160mm
LQT-6/6DC1000VL7				6in 6out	550*650*160mm
LQT-8/8DC1000VL7				8in 8out	800*650*160mm
LQT-9/9DC1000VL7				9in 9out	950*650*160mm
LQT-12/12DC1000VL7				12in 12out	1050*650*160mm
LQT-2/1DC1000VQ	DC1000V	1~32A	16~63A	2in 1out	300*450*160mm
LQT-2/2DC1000VQ				2in 2out	300*650*160mm
LQT-3/3DC1000VQ				3in 3out	400*650*160mm
LQT-4/4DC1000VQ				4in 4out	450*650*160mm
LQT-5/5DC1000VQ				5in 5out	500*650*160mm
LQT-6/6DC1000VQ				6in 6out	550*650*160mm
LQT-8/8DC1000VQ				8in 8out	800*650*160mm
LQT-9/9DC1000VQ				9in 9out	950*650*160mm
LQT-12/12DC1000VQ				12in 12out	1050*650*160mm

DC/AC Combiner Box

DC500V~1500V AC110~400V



IP65/68 outdoor waterproof and sun resistant UV-resistant

Short-circuit protection, overload protection, lightning protection, Isolation circuit

Durable and sturdy UL94 V-0 flame retardant, corrosion resistant

OEM/ODM Free Customization for PV Products

TÜVRheinland CE ISO 9001:2015 RoHS IEC UKCA CB

E-mail:sales@cnlonq.com

LQX series Plastic case +DC and AC Systems

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LQX-N1/1DC500VB1-2/2AC220VBA-MP



LQX-N2/1DC500VB1-2/2AC220VBA-MP



LQX-N2/2DC500VB1-2/2AC220VBB-MP



LQX-N2/2DC1000VQ-2/2AC220VBB-MP



LQX-N2/2DC500VB1-2/2AC220V-MP



LQX1/1DC500VB1-1/1AC220V-PP



LQX2/2DC500VB1-1/1AC220V-PP

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-N1/1DC500VB1-2/2AC220VBA-MP	500V DC, 110/220V AC	DC/AC 16~125A	DC1-1, AC2-2	225*331*120mm
LQX-N2/1DC500VB1-2/2AC220VBA-MP	500V DC, 110/220V AC	DC/AC 16~125A	DC2-1, AC2-2	225*331*120mm
LQX-N2/2DC500VB1-2/2AC220VBB-MP	500V DC, 110/220V AC	DC/AC 16~125A	DC2-2, AC2-2	225*331*120mm
LQX-N2/2DC1000VQ-2/2AC220V-MP	1000V DC, 110/220V AC	DC 32A, AC 16~125A	DC2-2, AC2-2	225*331*120mm
LQX-N2/2DC500VB1-2/2AC220V-MP	500V DC, 110/220V AC	DC/AC 16~125A	DC2-2, AC2-2	425*331*120mm
LQX1/1DC500VB1-1/1AC220V-PP	500V DC, 110/220V AC	DC/AC 16~125A	DC1-1, AC2-2	258*298*125mm
LQX2/2DC500VB1-1/1AC220V-PP	500V DC, 110/220V AC	DC/AC 16~125A	DC2-2, AC2-2	285*410*130mm

PV Lightning Protection Box

DC500V~1000V 1~125A 1~6in 1~6out

Service life: LQX-N > LQX-A > LQX-C



IP65~68 outdoor waterproof and sun resistant UV-resistant

Short-circuit protection, overload protection, lightning protection, Isolation circuit

Durable and sturdy UL94 V-0 flame retardant, corrosion resistant

OEM/ODM Free Customization for PV Products

TÜVRheinland CE ISO 9001:2015 COMPANY RoHS IEC UK CA CB

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LQX-N series Plastic case + MCB + SPD

IP68 CNLONQ.com



LQX-N1/1DC500VBS



LQX-N2/2DC500VBS



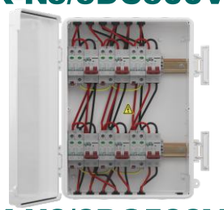
LQX-N3/3DC500VBS



LQX-N4/4DC500VBS



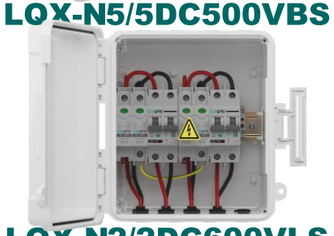
LQX-N5/5DC500VBS



LQX-N6/6DC500VBS



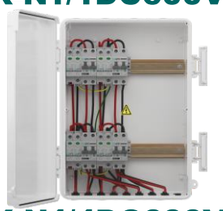
LQX-N1/1DC600VLS



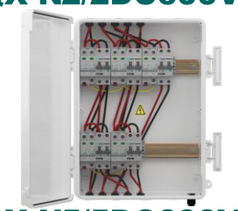
LQX-N2/2DC600VLS



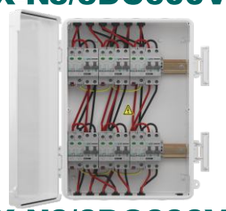
LQX-N3/3DC600VLS



LQX-N4/4DC600VLS



LQX-N5/5DC600VLS



LQX-N6/6DC600VLS

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-1/1DC500VBS	500V DC	16~125A	1in 1out	186*130*120mm
LQX-2/2DC500VBS			2in 2out	225*220*120mm
LQX-3/3DC500VBS			3in 3out	225*331*120mm
LQX-4/4DC500VBS			4in 4out	425*331*120mm
LQX-5/5DC500VBS			5in 5out	425*331*120mm
LQX-6/6DC500VBS			6in 6out	425*331*120mm
LQX-7/7DC500VBS			7in 7out	425*331*120mm
LQX-1/1DC600VLS	600V DC	16~63A	1in 1out	186*130*120mm
LQX-2/2DC600VLS			2in 2out	225*220*120mm
LQX-3/3DC600VLS			3in 3out	225*331*120mm
LQX-4/4DC600VLS			4in 4out	425*331*120mm
LQX-5/5DC600VLS			5in 5out	425*331*120mm
LQX-6/6DC600VLS			6in 6out	425*331*120mm
LQX-7/7DC600VLS			7in 7out	425*331*120mm

IP68 Lightning Protection Box LQX-N series Plastic case + QS or MCB + SPD



LQX-N1/1DC1000VQS



LQX-N2/2DC1000VQS



LQX-N3/3DC1000VQS



LQX-N4/4DC1000VQS



LQX-N1/1DC1000VBS



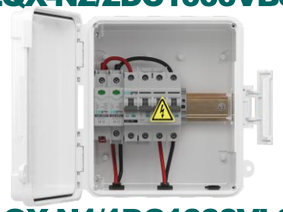
LQX-N2/2DC1000VBS



LQX-N3/3DC1000VBS



LQX-N4/4DC1000VBS



LQX-N1/1DC1000VLS



LQX-N2/2DC1000VLS



LQX-N3/3DC1000VLS



LQX-N4/4DC1000VLS

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-N1/1DC1000VQS	1000V DC	32A	1in 1out	225*220*120mm
LQX-N2/2DC1000VQS			2in 2out	225*220*120mm
LQX-N3/3DC1000VQS			3in 3out	225*331*120mm
LQX-N4/4DC1000VQS			4in 4out	425*331*120mm
LQX-N5/5DC1000VQS			5in 5out	425*331*120mm
LQX-N6/6DC1000VQS			6in 6out	425*331*120mm
LQX-N1/1DC1000VBS		16~125A	1in 1out	225*220*120mm
LQX-N2/2DC1000VBS			2in 2out	225*331*120mm
LQX-N3/3DC1000VBS			3in 3out	425*331*120mm
LQX-N4/4DC1000VBS			4in 4out	425*331*120mm
LQX-N5/5DC1000VBS			5in 5out	425*331*120mm
LQX-N1/1DC1000VLS		16~63A	1in 1out	225*220*120mm
LQX-N2/2DC1000VLS			2in 2out	225*331*120mm
LQX-N3/3DC1000VLS			3in 3out	425*331*120mm
LQX-N4/4DC1000VLS			4in 4out	425*331*120mm
LQX-N5/5DC1000VLS			5in 5out	425*331*120mm

LQX-A series Plastic case + MCB + SPD

IP65 CNLONQ.com



LQX-1/1DC500VBS



LQX-2/2DC500VBS



LQX-3/3DC500VBS



LQX-4/4DC500VBS



LQX-5/5DC500VBS



LQX-6/6DC500VBS



LQX-1/1DC600VLS



LQX-2/2DC600VLS



LQX-3/3DC600VLS



LQX-4/4DC600VLS



LQX-5/5DC600VLS



LQX-6/6DC600VLS

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-1/1DC500VBS	500V DC	16~125A	1in 1out	210*142*100mm
LQX-2/2DC500VBS			2in 2out	210*215*100mm
LQX-3/3DC500VBS			3in 3out	258*298*125mm
LQX-4/4DC500VBS			4in 4out	285*410*130mm
LQX-5/5DC500VBS		16~63A	5in 5out	422*298*135mm
LQX-6/6DC500VBS		16~63A	6in 6out	422*298*135mm
LQX-1/1DC600VLS	600V DC	16~63A	1in 1out	210*142*100mm
LQX-2/2DC600VLS			2in 2out	210*215*100mm
LQX-3/3DC600VLS			3in 3out	258*298*125mm
LQX-4/4DC600VLS			4in 4out	285*410*130mm
LQX-5/5DC600VLS			5in 5out	422*298*135mm
LQX-6/6DC600VLS			6in 6out	422*298*135mm

IP65 Lightning Protection Box LQX-A series Plastic case + QS or MCB + SPD



LQX-1/1DC1000VQS



LQX-2/2DC1000VQS



LQX-2/2DC1000VQSAZ



LQX-3/3DC1000VQS



LQX-4/4DC1000VQS



LQX-4/4DC1000VQSAZ



LQX-1/1DC100VBS



LQX-2/2DC1000VBS



LQX-3/3DC1000VBS



LQX-4/4DC1000VBS



LQX-1/1DC1000VLS



LQX-2/2DC1000VLS

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-1/1DC1000VQS	1000V DC	32A	1in 1out	210*215*100mm
LQX-2/2DC1000VQS			2in 2out	258*298*125mm
LQX-2/2DC1000VQSAZ			2in 2out	210*215*100mm
LQX-3/3DC1000VQS			3in 3out	285*410*130mm
LQX-4/4DC1000VQS			4in 4out	422*298*135mm
LQX-4/4DC1000VQSAZ			4in 4out	285*410*130mm
LQX-1/1DC1000VBS	1000V DC	16~125A	1in 1out	210*215*100mm
LQX-2/2DC1000VBS			2in 2out	258*298*125mm
LQX-3/3DC1000VBS			3in 3out	285*410*130mm
LQX-4/4DC1000VBS		16~63A	4in 4out	422*298*135mm
LQX-1/1DC1000VLS	1000V DC	16~63A	1in 1out	210*215*100mm
LQX-2/2DC1000VLS			2in 2out	258*298*125mm
LQX-3/3DC1000VLS			3in 3out	285*410*130mm
LQX-4/4DC1000VLS			4in 4out	422*298*135mm

LQX-C series Plastic case + MCB + SPD

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LQX-C1/1DC500VBS



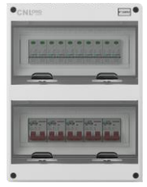
LQX-C2/2DC500VBS



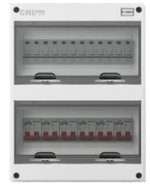
LQX-C3/3DC500VBS



LQX-C4/4DC500VBS



LQX-C5/5DC500VBS



LQX-C6/6DC500VBS



LQX-C1/1DC600VLS



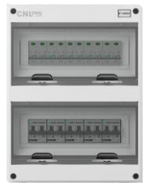
LQX-C2/2DC600VLS



LQX-C3/3DC600VLS



LQX-C4/4DC600VLS



LQX-C5/5DC600VLS



LQX-C6/6DC600VLS

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-C1/1DC500VBS	500V DC	16~125A	1in 1out	159*119*92mm
LQX-C2/2DC500VBS			2in 2out	153*201*92mm
LQX-C3/3DC500VBS			3in 3out	195*254*105mm
LQX-C4/4DC500VBS			4in 4out	194*360*105mm
LQX-C5/5DC500VBS			5in 5out	357*271*110mm
LQX-C6/6DC500VBS			6in 6out	357*271*110mm
LQX-C1/1DC600VLS	600V DC	16~63A	1in 1out	159*119*92mm
LQX-C2/2DC600VLS			2in 2out	153*201*92mm
LQX-C3/3DC600VLS			3in 3out	195*254*105mm
LQX-C4/4DC600VLS			4in 4out	194*360*105mm
LQX-C6/6DC600VLS			5in 5out	357*271*110mm
LQX-C6/6DC600VLS			6in 6out	357*271*110mm

IP65 Lightning Protection Box

LQX-C series | **Plastic case + MCB + SPD**



LQX-C1/1DC1000VBS



LQX-C2/2DC1000VBS



LQX-C3/3DC1000VBS



LQX-C4/4DC1000VBS



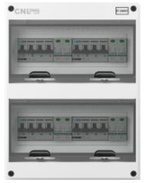
LQX-C1/1DC1000VLS



LQX-C2/2DC1000VLS



LQX-C3/3DC100VLS



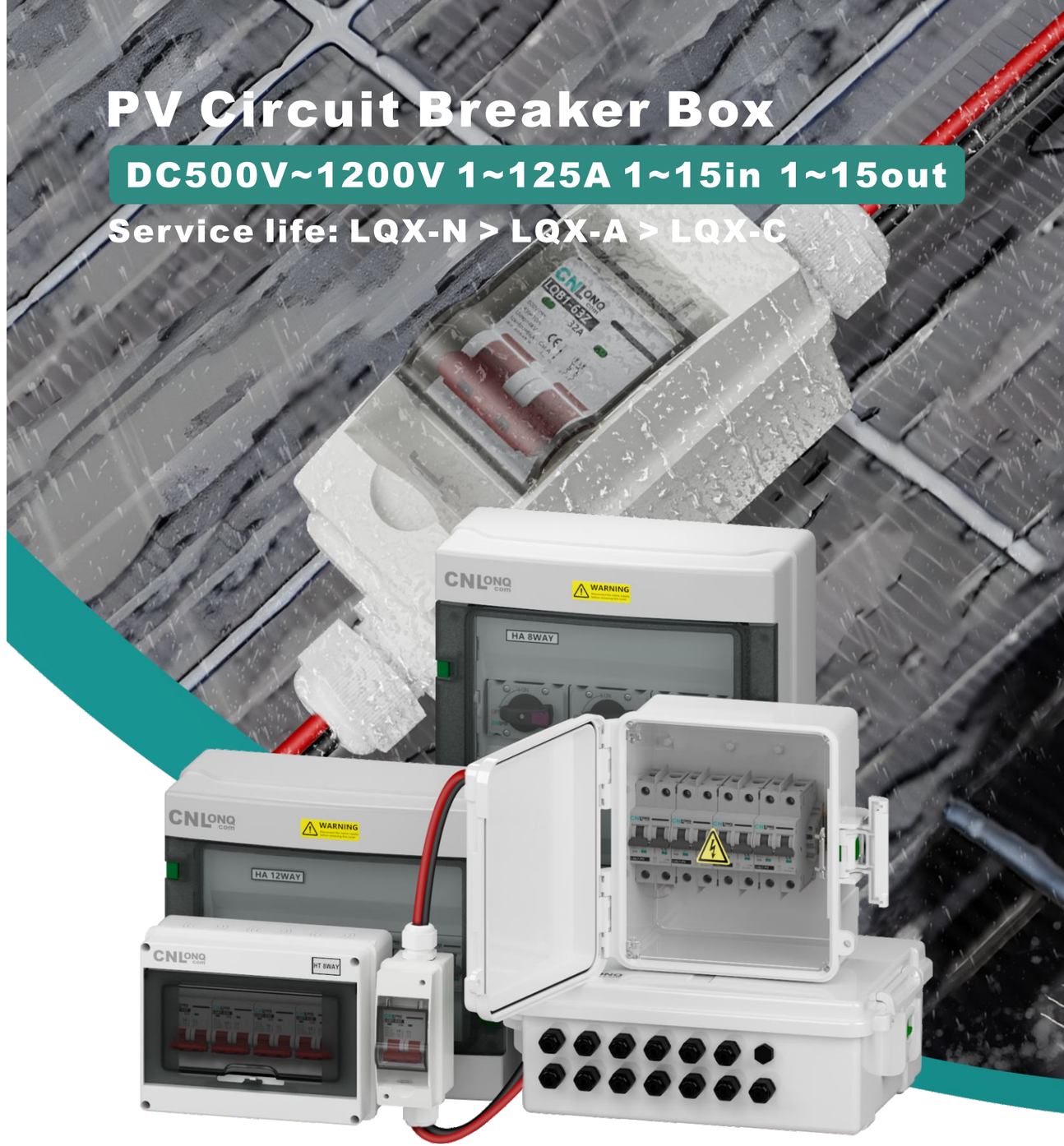
LQX-C4/4DC1000VLS

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-C1/1DC1000VBS	1000V DC	16~125A	1in 1out	153*201*92mm
LQX-C2/2DC1000VBS			2in 2out	195*254*105mm
LQX-C3/3DC1000VBS			3in 3out	194*360*105mm
LQX-C4/4DC1000VBS			4in 4out	357*271*110mm
LQX-C1/1DC1000VLS	1000V DC	16~63A	1in 1out	153*201*92mm
LQX-C2/2DC1000VLS			2in 2out	195*254*105mm
LQX-C3/3DC1000VLS			3in 3out	194*360*105mm
LQX-C4/4DC1000VLS			4in 4out	357*271*110mm

PV Circuit Breaker Box

DC500V~1200V 1~125A 1~15in 1~15out

Service life: LQX-N > LQX-A > LQX-C



- IP65~68 outdoor waterproof and sun resistant UV-resistant
- Short-circuit protection, overload protection, Isolation circuit
- Durable and sturdy UL94 V-0 flame retardant, corrosion resistant
- OEM/ODM Free Customization for PV Products

E-mail:sales@cnlonq.com



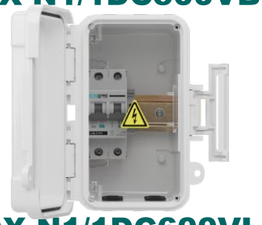
LQX-N1/1DC500VBB



LQX-N2/2DC500VBB



LQX-N3/3DC500VBB



LQX-N1/1DC600VLL



LQX-N2/2DC600VLL



LQX-N3/3DC600VLL

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-N1/1DC500VBB	500V DC	16~125A	1in 1out	186*130*120mm
LQX-N2/2DC500VBB			2in 2out	186*130*120mm
LQX-N3/3DC500VBB			3in 3out	225*220*120mm
LQX-N4/4DC500VBB			4in 4out	225*220*120mm
LQX-N5/5DC500VBB			5in 5out	225*331*120mm
LQX-N6/6DC500VBB			6in 6out	225*331*120mm
LQX-N7/7DC500VBB			7in 7out	225*331*120mm
LQX-N8/8DC500VBB			8in 8out	425*331*120mm
LQX-N9/9DC500VBB			9in 9out	425*331*120mm
LQX-N10/10DC500VBB			10in 10out	425*331*120mm
LQX-N11/11DC500VBB			11in 11out	425*331*120mm
LQX-N12/12DC500VBB			12in 12out	425*331*120mm
LQX-N13/13DC500VBB			13in 13out	425*331*120mm
LQX-N14/14DC500VBB			14in 14out	425*331*120mm
LQX-N15/15DC500VBB			15in 15out	425*331*120mm
LQX-N1/1DC600VLL	600V DC	16~63A	1in 1out	186*130*120mm
LQX-N2/2DC600VLL			2in 2out	186*130*120mm
LQX-N3/3DC600VLL			3in 3out	225*220*120mm
LQX-N4/4DC600VLL			4in 4out	225*220*120mm
LQX-N5/5DC600VLL			5in 5out	225*331*120mm
LQX-N6/6DC600VLL			6in 6out	225*331*120mm
LQX-N7/7DC600VLL			7in 7out	225*331*120mm
LQX-N8/8DC600VLL			8in 8out	425*331*120mm
LQX-N9/9DC600VLL			9in 9out	425*331*120mm
LQX-N10/10DC600VLL			10in 10out	425*331*120mm
LQX-N11/11DC600VLL			11in 11out	425*331*120mm
LQX-N12/12DC600VLL			12in 12out	425*331*120mm
LQX-N13/13DC600VLL			13in 13out	425*331*120mm
LQX-N14/14DC600VLL			14in 14out	425*331*120mm
LQX-N15/15DC600VLL			15in 15out	425*331*120mm

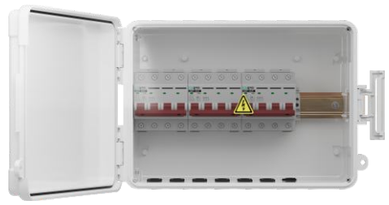
LQX-N 500/600V MCB Box 1~15 Strings



LQX-N1/1DC1000VBB



LQX-N2/2DC1000VBB



LQX-N3/3DC1000VBB



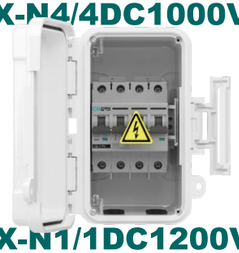
LQX-N4/4DC1000VBB



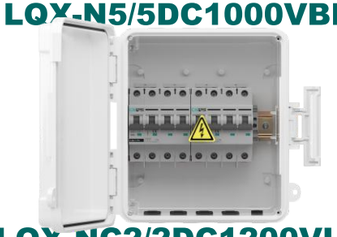
LQX-N5/5DC1000VBB



LQX-N6/6DC1000VBB



LQX-N1/1DC1200VLL



LQX-NC2/2DC1200VLL



LQX-N3/3DC1200VLL



LQX-N4/4DC1200VLL



LQX-N5/5DC1200VLL



LQX-N6/6DC1200VLL

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-N1/1DC1000VBB	1000V DC	16~125A	1in 1out	186*130*120mm
LQX-N2/2DC1000VBB			2in 2out	225*220*120mm
LQX-N3/3DC1000VBB			3in 3out	225*331*120mm
LQX-N4/4DC1000VBB			4in 4out	425*331*120mm
LQX-N5/5DC1000VBB			5in 5out	425*331*120mm
LQX-N6/6DC1000VBB			6in 6out	425*331*120mm
LQX-N1/1DC1200VLL	1200V DC	16~63A	1in 1out	186*130*120mm
LQX-N2/2DC1200VLL			2in 2out	225*220*120mm
LQX-N3/3DC1200VLL			3in 3out	225*331*120mm
LQX-N4/4DC1200VLL			4in 4out	425*331*120mm
LQX-N5/5DC1200VLL			5in 5out	425*331*120mm
LQX-N6/6DC1200VLL			6in 6out	425*331*120mm

LQX-N 1000/1200V MCB Box 1~6 Strings

IP65 Circuit Breaker Box

LQX-A series **Plastic case + MCB**



LQX-1/1DC500VBB



LQX-2/2DC500VBB



LQX-3/3DC500VBB



LQX-4/4DC500VBB



LQX-5/5DC500VBB



LQX-6/6DC500VBB

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-1/1DC500VBB	500V DC	16~125A	1in 1out	210*142*100mm
LQX-2/2DC500VBB			2in 2out	210*142*100mm
LQX-3/3DC500VBB			3in 3out	210*215*100mm
LQX-4/4DC500VBB			4in 4out	210*215*100mm
LQX-5/5DC500VBB			5in 5out	258*298*125mm
LQX-6/6DC500VBB			6in 6out	258*298*125mm
LQX-7/7DC500VBB			7in 7out	285*410*128mm
LQX-8/8DC500VBB			8in 8out	285*410*128mm
LQX-9/9DC500VBB			9in 9out	285*410*128mm
LQX-10/10DC500VBB			10in 10out	422*298*135mm
LQX-11/11DC500VBB			11in 11out	422*298*135mm
LQX-12/12DC500VBB			12in 12out	422*298*135mm
LQX-1/1DC600VLL	600V DC	16~63A	1in 1out	210*142*100mm
LQX-2/2DC600VLL			2in 2out	210*142*100mm
LQX-3/3DC600VLL			3in 3out	210*215*100mm
LQX-4/4DC600VLL			4in 4out	210*215*100mm
LQX-5/5DC600VLL			5in 5out	258*298*125mm
LQX-6/6DC600VLL			6in 6out	258*298*125mm
LQX-7/7DC600VLL			7in 7out	285*410*128mm
LQX-8/8DC600VLL			8in 8out	285*410*128mm
LQX-9/9DC600VLL			9in 9out	285*410*128mm
LQX-10/10DC600VLL			10in 10out	422*298*135mm
LQX-11/11DC600VLL			11in 11out	422*298*135mm
LQX-12/12DC600VLL			12in 12out	422*298*135mm

LQX-A 500/600V CB Box 1~12 Strings

LQX-A series **Plastic case + MCB**

IP65 CNLONQ.com



LQX-1/1DC1000VBB



LQX-2/2DC1000VBB



LQX-3/3DC1000VBB



LQX-4/4DC1000VBB



LQX-5/5DC1000VBB



LQX-6/6DC1000VBB



LQX-1/1DC1200VLL



LQX-C2/2DC1200VLL



LQX-3/3DC1200VQQ



LQX-4/4DC1200VLL



LQX-5/5DC1200VLL



LQX-6/6DC1200VLL

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-1/1DC1000VBB	1000V DC	16~125A	1in 1out	210*142*100mm
LQX-2/2DC1000VBB			2in 2out	210*215*100mm
LQX-3/3DC1000VBB			3in 3out	258*298*125mm
LQX-4/4DC1000VBB			4in 4out	285*410*128mm
LQX-5/5DC1000VBB			5in 5out	422*298*135mm
LQX-6/6DC1000VBB		16~63A	6in 6out	422*298*135mm
LQX-1/1DC1200VLL	1200V DC	16~63A	1in 1out	210*142*100mm
LQX-2/2DC1200VLL			2in 2out	210*215*100mm
LQX-3/3DC1200VLL			3in 3out	258*298*125mm
LQX-4/4DC1200VLL			4in 4out	285*410*128mm
LQX-5/5DC1200VLL			5in 5out	422*298*135mm
LQX-6/6DC1200VLL			6in 6out	422*298*135mm

LQX-A 1000/1200V CB Box 1~6 Strings

LQX-C series | Plastic case + MCB



LQX-C.2DC500V



LQX-C.3DC500V



LQX-C2/2DC500VBB



LQX-C3/3DC500VBB



LQX-C4/DC500VB/B



LQX-C5/5DC500VBB

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-C.2DC500V	500V DC	16~63A	1in 1out	120*53*93mm
LQX-C.3DC500V		16~125A	1in 1out	160*79*93mm
LQX-C2/2DC500VBB			2in 2out	159*119*92mm
LQX-C3/3DC500VBB			3in 3out	153*201*92mm
LQX-C4/4DC500VBB			4in 4out	153*201*92mm
LQX-C5/5DC500VBB			5in 5out	195*254*105mm
LQX-C6/6DC500VBB			6in 6out	195*254*105mm
LQX-C7/7DC500VBB			7in 7out	195*305*105mm
LQX-C8/8DC500VBB			8in 8out	194*360*105mm
LQX-C9/9DC500VBB			9in 9out	194*360*105mm
LQX-C10/10DC500VBB			10in 10out	357*271*110mm
LQX-C11/11DC500VBB			11in 11out	357*271*110mm
LQX-C12/12DC500VBB			12in 12out	357*271*110mm
LQX-C.2DC600V	600V DC	16~63A	1in 1out	120*53*93mm
LQX-C.3DC600V			1in 1out	160*79*93mm
LQX-C2/2DC600VLL			2in 2out	159*119*92mm
LQX-C3/3DC600VLL			3in 3out	153*201*92mm
LQX-C4/4DC600VLL			4in 4out	153*201*92mm
LQX-C5/5DC600VLL			5in 5out	159*119*92mm
LQX-C6/6DC600VLL			6in 6out	195*254*105mm
LQX-C7/7DC600VLL			7in 7out	195*305*105mm
LQX-C8/8DC600VLL			8in 8out	194*360*105mm
LQX-C9/9DC600VLL			9in 9out	194*360*105mm
LQX-C10/10DC600VLL			10in 10out	357*271*110mm
LQX-C11/11DC600VLL			11in 11out	357*271*110mm
LQX-C12/12DC600VLL			12in 12out	357*271*110mm

LQX-C 500/600V CB Box 1~12 Strings

LQX-C series | Plastic case + MCB



LQX-C1/1DC1000VBB



LQX-C2/2DC1000VBB



LQX-C3/3DC1000VBB



LQX-C4/4DC1000VBB



LQX-C5/5DC1000VBB



LQX-C6/6DC1000VBB



LQX-C1/1DC1200VLL



LQX-C2/2DC1200VLL



LQX-C3/3DC1200VLL



LQX-C4/4DC1200VLL



LQX-C5/5DC1200VLL



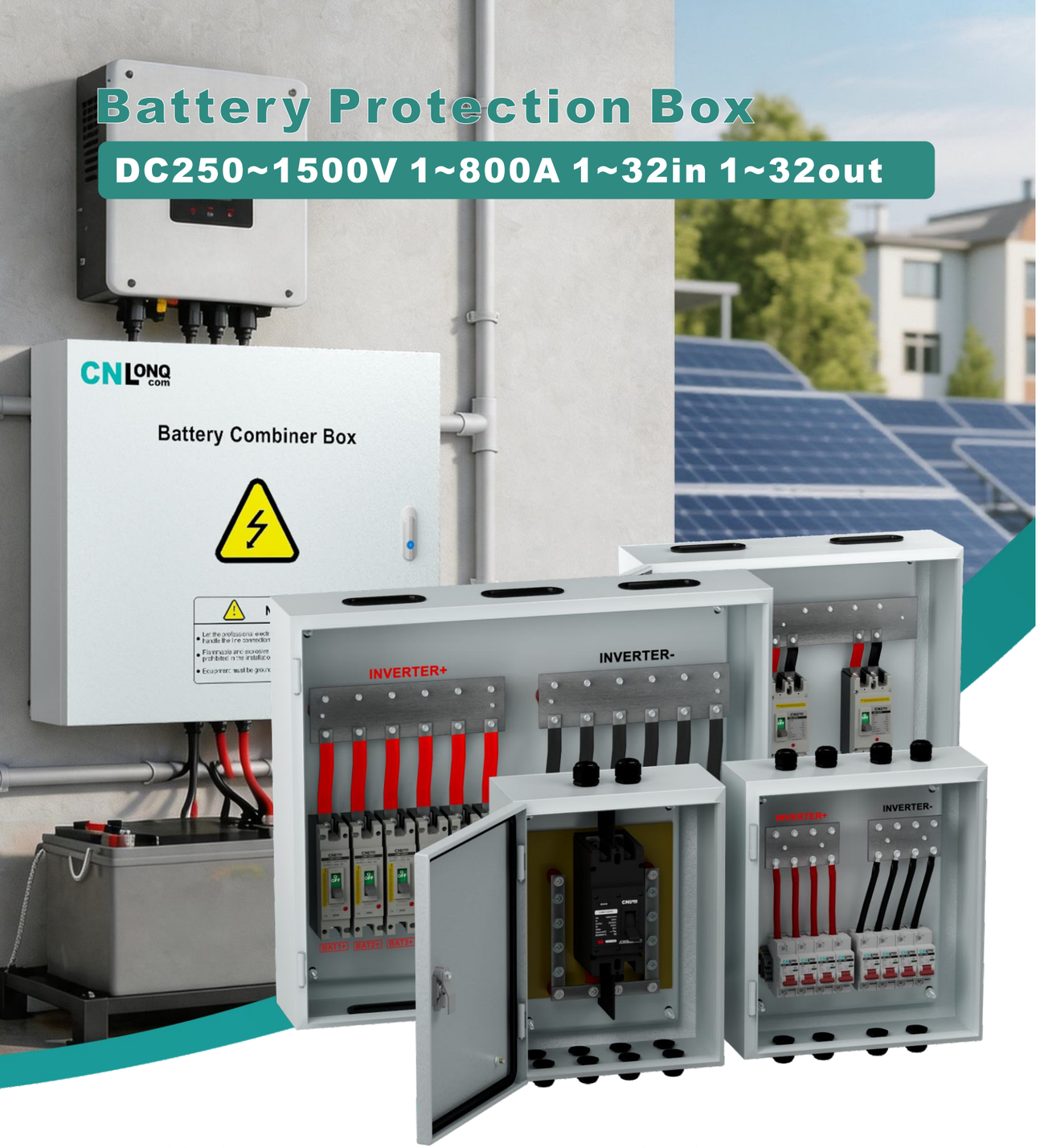
LQX-C6/6DC1200VLL

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-C1/1DC1000VBB	1000V DC	16~125A	1in 1out	159*119*92mm
LQX-C2/2DC1000VBB			2in 2out	153*201*92mm
LQX-C3/3DC1000VBB			3in 3out	195*254*105mm
LQX-C4/4DC1000VBB			4in 4out	194*360*105mm
LQX-C5/5DC1000VBB			5in 5out	357*271*110mm
LQX-C6/6DC1000VBB		16~63A	6in 6out	357*271*110mm
LQX-C1/1DC1200VLL	1200V DC	16~63A	1in 1out	159*119*92mm
LQX-C2/2DC1200VLL			2in 2out	153*201*92mm
LQX-C3/3DC1200VLL			3in 3out	195*254*105mm
LQX-C4/4DC1200VLL			4in 4out	194*360*105mm
LQX-C5/5DC1200VLL			5in 5out	357*271*110mm
LQX-C6/6DC1200VLL			6in 6out	357*271*110mm

LQX-C 1000/1200V CB Box 1~6 Strings

Battery Protection Box

DC250~1500V 1~800A 1~32in 1~32out



IP65 outdoor waterproof and sun resistant UV-resistant

Short-circuit protection, overload protection, Isolation circuit

Durable and sturdy UL94 V-0 flame retardant, corrosion resistant

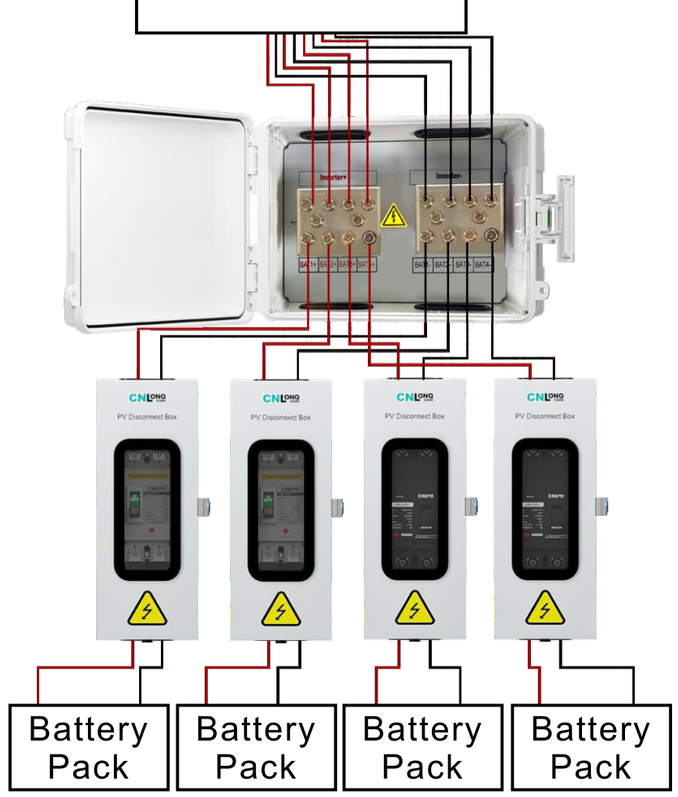
OEM/ODM Free Customization for PV Products

LQX-N series Plastic case + Copper Busbar

IP68 CNLONQ



Model	String	Rated Voltage Ue	Rated Current In	Size
LQX-NBAT4-600A	4in 4out	/	600A	480*340*135mm



IP65 Battery Combiner Box

LQT series | **Metal case + MCB or MCCB**



LQT-BAT(N)-B1



LQT-BAT(N)-M1(1P)



LQT-BAT(N)-M1(2P)



LQT-BAT(N)-M3



LQT-BAT(1/N)M1



LQT-BAT(1/N)M3



LQT1/1DC500VM1



LQT1/1DC1000VM3

Tips:
Metal battery combiner box support up to 24 strings of input and 24 strings of output and can be customized to meet specific requirements.

N stands for the quantity of the strings inside the box (input/output)

Model	Rated Voltage Ue	Rated Current In	String	Size (For reference only)
LQT-BAT4-B1	DC250V	63~125A	4in 4out	400*450*190mm
LQT-BAT5-B1			5in 5out	400*450*190mm
LQT-BAT6-B1			6in 6out	500*450*190mm
LQT-BAT7-B1			7in 7out	550*450*190mm
LQT-BAT8-B1			8in 8out	600*450*190mm
LQT-BAT9-B1			9in 9out	650*450*190mm
LQT-BAT4-M1	DC500V	63~250A	4in 4out	650*550*210mm
LQT-BAT5-M1			5in 5out	650*650*210mm
LQT-BAT6-M1			6in 6out	750*650*210mm
LQT-BAT7-M1			7in 7out	850*650*210mm
LQT-BAT8-M1			8in 8out	950*650*210mm
LQT-BAT9-M1			9in 9out	1050*650*210mm
LQT-BAT3-M1(2P)			3in 3out	600*600*200mm
LQT-BAT4-M1(2P)			4in 4out	600*600*200mm
LQT-BAT6-M1(2P)			6in 6out	700*600*200mm
LQT-BAT8-M1(2P)			8in 8out	700*600*200mm
LQT-BAT1/2-M1			1in 2out	300*400*160mm
LQT-BAT1/3-M1			1in 3out	300*400*160mm
LQT-BAT1/4-M1			1in 4out	300*400*160mm
LQT-BAT1/5-M1			1in 5out	300*400*160mm
LQT-BAT1/6-M1			1in 6out	300*400*160mm
LQT-BAT1/7-M1			1in 7out	300*400*160mm
LQT-BAT1/8-M1			1in 8out	300*400*160mm
LQT-BAT3-M3	DC1000V	63~320A	3n 3out	600*600*200mm
LQT-BAT4-M3			4in 4out	600*600*200mm
LQT-BAT6-M3			6in 6out	600*700*200mm
LQT-BAT7-M3			7in 7out	600*700*200mm
LQT-BAT8-M3			8in 8out	600*800*200mm
LQT-BAT9-M3			9in 9out	600*800*220mm
LQT-BAT1/2-M3			1in 2out	600*500*220mm
LQT-BAT1/3-M3			1in 3out	600*500*220mm
LQT-BAT1/4-M3			1in 4out	600*500*220mm
LQT-BAT1/5-M3			1in 5out	600*500*220mm
LQT-BAT1/6-M3			1in 6out	600*500*220mm
LQT-BAT1/7-M3			1in 7out	600*500*220mm
LQT-BAT1/8-M3			1in 8out	600*500*220mm
LQT-BAT3-M3	DC1500V	400~800A	3n 3out	480*350*210mm
LQT-BAT4-M3			4in 4out	650*550*270mm
LQT-BAT5-M3			5in 5out	650*550*270mm
LQT1/1DC500VM1-250A	DC500V	125-250A	1in 1out	360*140*160mm
LQT1/1DC1000VM3-320A	DC1000V	125-320A	1in 1out	360*140*160mm

Solar Disconnect Switch

DC1200/1500V 32/23A 1~6in 1~6out



Completely Disconnect The Circuit

Non-Polarized

UL94V -0 Flame-Retardant

Customizable logo And Other Parameters

TÜVRheinland CE ISO 9001:2015 RoHS IEC UK CA CB

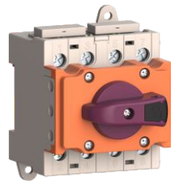
E-mail:sales@cnlonq.com

Isolator series Solar Disconnect Switch

CNLONQ com



LONQ-40.X



LONQ-40.I



LONQ-40.F



LONQ-40.MC4



LONQ-40.2MC4



LONQ-40.2PVCNT



LONQ-40.M12



LONQ-40.M20



LONQ-40.2-2

Model	Rated Voltage Ue	Rated Current In	String	Size
LONQ-40.X	DC1200V/1500V	32A/23A	4P	72*66*95mm
LONQ-40.I			4P	72*66*95mm
LONQ-40.F			4P	72*66*95mm
LONQ-40.MC4	DC1200V/1500V	32A/23A	1in 1out	230*104*110mm
LONQ-40.2MC4			2in 2out	157*180*110mm
LONQ-40.2PVCNT			2in 2out	230*104*110mm
LONQ-40.M12			1in 1out	213*104*110mm
LONQ-40.M20			2 or 1 in 2 or 1 out	213*104*110mm
LONQ-40.2.2			2in 2out	213*104*110mm

IP68(65) Islator Box

LQX series | **Plastic case + QS**



LQX-N1/1DC1200VQQ



LQX-N2/2DC1200VQQ



LQX-N3/3DC1200VQQ



LQX-4N/4DC1200VQQ



LQX-N5/5DC1200VQQ



LQX-N6/6DC1200VQQ



LQX-1/1DC1200VQQ



LQX-2/2DC1200VQQ



LQX-3/3DC1200VQQ



LQX-4/4DC1200VQQ



LQX-5/5DC1200VQQ



LQX-6/6DC1200VQQ

Model	Rated Voltage Ue	Rated Current In	String	Size
LQX-N1/1DC1200VQQ	1200V DC	32A	1in 1out	186*130*120mm
LQX-N2/2DC1200VQQ			2in 2out	225*200*120mm
LQX-N3/3DC1200VQQ			3in 3out	225*331*120mm
LQX-N4/4DC1200VQQ			4in 4out	425*331*120mm
LQX-N5/5DC1200VQQ			5in 5out	425*331*120mm
LQX-N6/6DC1200VQQ			6in 6out	425*331*120mm
LQX-1/1DC1200VQQ	1200V DC	32A	1in 1out	210*142*100mm
LQX-2/2DC1200VQQ			2in 2out	210*215*100mm
LQX-3/3DC1200VQQ			3in 3out	258*298*125mm
LQX-4/4DC1200VQQ			4in 4out	285*410*128mm
LQX-5/5DC1200VQQ			5in 5out	422*298*135mm
LQX-6/6DC1200VQQ			6in 6out	422*298*135mm

LQX-N/A Disconnect Switch Box 1~7 Strings

DC Components

MCB/MCCB/SPD/Fuse/Smart Monitoring



- Lifetime Technical Support
- Short-circuit protection, overload protection, Isolation circuit
- Durable and sturdy UL94 V-0 flame retardant, corrosion resistant
- OEM/ODM Free Customization for PV Products

TÜVRheinland CE ISO 9001:2015 COMPANY RoHS IEC UK CA CB

E-mail:sales@cnlonq.com



LQB1-63Z 1P/2P/3P/4P

Miniature circuit breaker (MCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQB1-63Z	1P/2P/3P/4P	DC250/500/750/1000V	16~63A	76*18xP*80mm



LQB1-125Z 1P/2P/3P/4P

Miniature circuit breaker (MCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQB1-125Z	1P/2P/3P/4P	DC250/500/750/1000V	80~125A	81*27xP*78mm



LQL7-PV1P/2P/3P/4P

Miniature circuit breaker (MCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQL7-PV	1P/2P/3P/4P	DC300/600/900/1200V	16~63A	76*18xP*80mm



LQM1-125PV 1P/2P/3P/4P

Molded-case circuit breaker (MCCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQM1-125PV	1P/2P/3P/4P	DC250/500/750/1000V	63~125A	150*38(65/91/121)*88mm



LQM1-250PV 1P/2P/3P/4P

Molded-case circuit breaker (MCCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQM1-250PV	1P/2P/3P/4P	DC250/500/750/1000V	160~250A	163*43(75/106/141)*108mm



LQM3-320PV LQM3-800PV 2P/3P

Molded-case circuit breaker (MCCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQM3-320PV	2P/3P	DC1000/1500V	63~320A	180*76(107)*126mm
LQM3-800PV	2P	DC1500V	400~800A	250*124*165mm



LD3-40PV 1P/2P/3P

Surge Protector Device (SPD)

Model	Pole	Rated Voltage Ue	Voltage Protection Up	Fuse Holder Size
LD3-40PV	1P/2P/3P	DC500/600/800/1000/1200/1500V	2.2/2.6/3.6/5.3kV	90*18xP*65mm



LQR3-32 / LQR3-32X

Solar Fuse Holder and Link

Model	Pole	Rated Voltage Ue	Rated Current In	Fuse Link Size	Fuse Holder Size
LQR3-32(without light)	1P/2P	DC1000V	1~32A	10*38mm	82*18xP*68
LQR3-32X(with light)					



LQR6-35

Solar Fuse Holder and Link

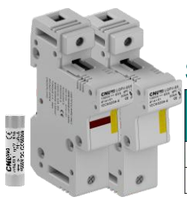
Model	Pole	Rated Voltage Ue	Rated Current In	Fuse Link Size	Fuse Holder Size
LQR6-35	1P/2P	DC1500V	1~35A	10*65mm	100*18xP*65mm



LQR8-50 / LQR8-50X

Solar Fuse Holder and Link

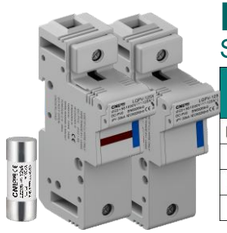
Model	Pole	Rated Voltage Ue	Rated Current In	Fuse Link Size	Fuse Holder Size
LQR8-50(without light)	1P/2P	DC1500V	1~50A	10*85/14*85mm	120*20xP*66mm
LQR8-50X(with light)					



LQPV-63 / LQPV-63X

Solar Fuse Holder and Link

Model	Pole	Rated Voltage Ue	Rated Current In	Fuse Link Size	Fuse Holder Size
LQPV-63(without light)	1P/2P	DC1000V	8~63A	14*51mm	111*27xP*76mm
LQPV-63X(with light)					



LQPV-125(80) / LQPV-125(80)X

Solar Fuse Holder and Link

Model	Pole	Rated Voltage Ue	Rated Current In	Fuse Link Size	Fuse Holder Size
LQPV-125(without light)	1P/2P	DC1500V	8~125A	22*58mm	134*36xP*78mm
LQPV-125X(with light)					
LQPV-80(without light)		DC1500V	8~80A		
LQPV-80X(with light)					

Waterproof Junction Box

1~24Strings IP65~68 UL94 V-0



IP65~68 outdoor waterproof and sun resistant
UV-resistant

Pre-installed mounting rail, compatible with MCB, MCCB, SPD, fuse, ATS, and other AC/DC components

Ik10/08 impact resistance flame retardant, corrosion resistant

OEM/ODM Free Customization for PV Products

CE ISO RoHS IEC IP65~68

E-mail:sales@cnlonq.com

LQX-N series IP68 waterproof and flame-retardant

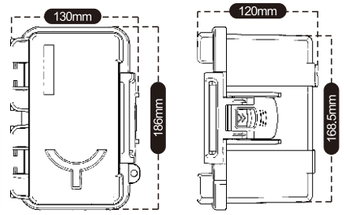
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LQX-N4

IP68 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-N4	4ways	186*130*120mm	IP68/IK10

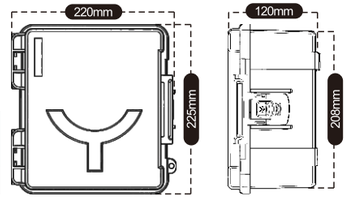




LQX-N9

IP68 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-N9	9ways	225*220*120mm	IP68/IK10

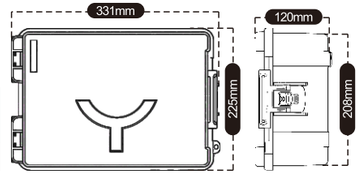




LQX-N15

IP68 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-N15	15ways	225*331*120mm	IP68/IK10

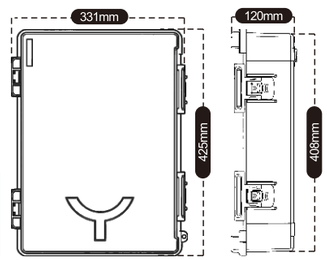




LQX-A30

IP68 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-N30	30ways	331*425*120mm	IP68/IK10

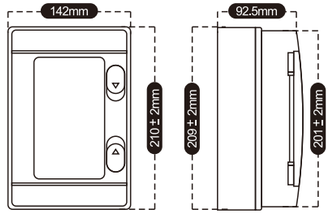




LQX-A4

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A4	4ways	210*142*100mm	IP65/IK10

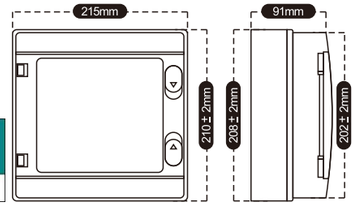




LQX-A8

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A4	4ways	210*142*100	IP65/IK10

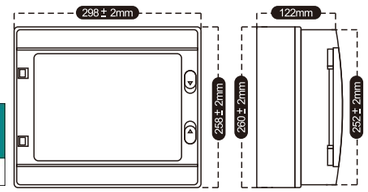




LQX-A12

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A4	4ways	210*142*100	IP65/IK10

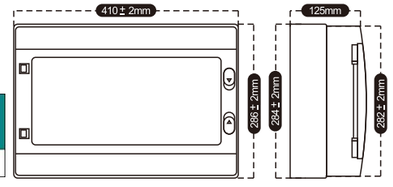




LQX-A18

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A4	4ways	210*142*100	IP65/IK10

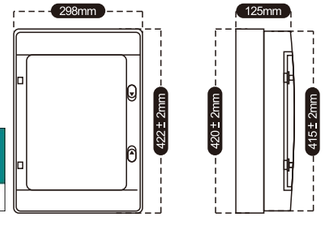




LQX-A24

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A4	4ways	210*142*100	IP65/IK10

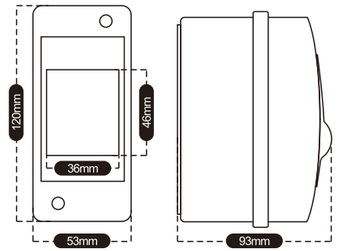




LQX-C2

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C2	2ways	120*53*93mm	IP65/IK08

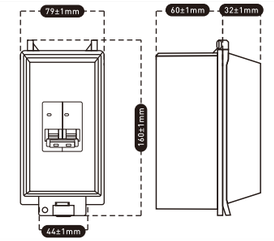




LQX-C3

IP66 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C3	3ways	160*45*93mm	IP66/IK10

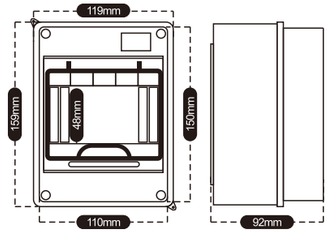




LQX-C5

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C5	5ways	159*119*92mm	IP65/IK08

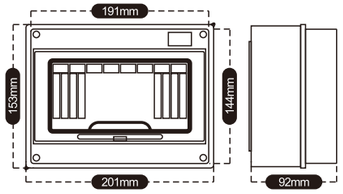




LQX-C8

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C8	8ways	153*201*92mm	IP65/IK08

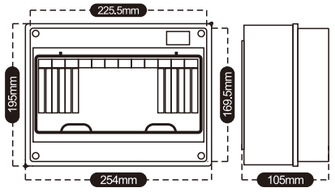




LQX-C12

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C12	12ways	195*254*105mm	IP65/IK08

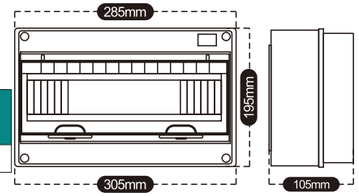




LQX-C15

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C15	15ways	195*305*105mm	IP65/IK08

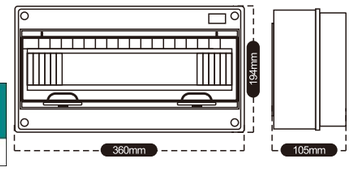




LQX-C18

IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C18	18ways	360*194*105mm	IP65/IK08

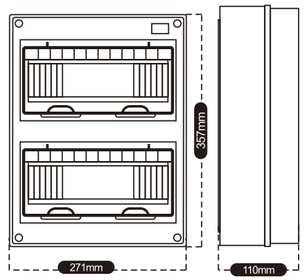




LQX-C24

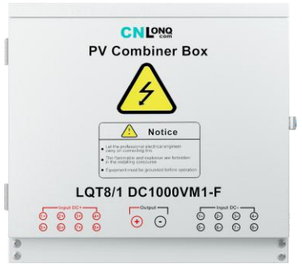
IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-C24	24ways	271*357*110mm	IP65/IK08

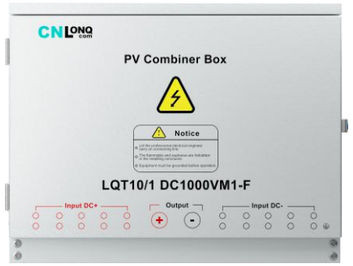




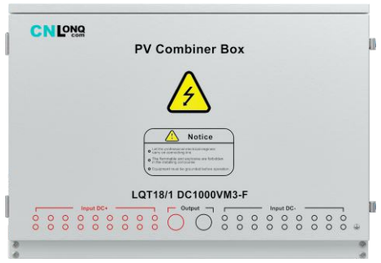
450*450*180mm



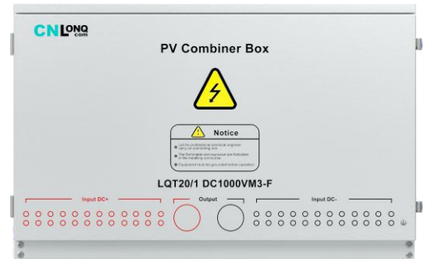
510*510*180mm



510*650*180mm



610*850*220mm



610*950*220mm

Note: Metal waterproof enclosures can be custom-made to any size.

Technical data	
Model	LQT
Way	1~32input 1~32output customizable
Quality Certificate	CE,RoHS,IP65
Standard	IEC60529, EN 60309
Protection Level	IP65, UV protection
Impact Level	IK10
Flame Retardant Rating	Non-flammable
Box Material	Cold-rolled steel or 304 or 316
Operating Temperature	-20ºC ~ +85ºC
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension(mm)	Customized to meet your needs



PV Cable and Connector

DC1000V~1500V IP67/68

Reusable And Removable.
Tightly Connected.
Secure and won't get loose

High current carrying capacity

Corrosion resistance

The locking mechanism provides secure engagement

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PVCNT-1000V/1500V

PV connector

Model	Rated Voltage Ue	Rated Current In	Size	Compatible with PV cable size
PVCNT-1000V	DC1000V	30/45/50A	56*19*19mm	2.5/4/6mm²
PVCNT-1500V	DC1500V	30/45/60A	66*20*20mm	2.5/4/6/10mm²



PVCNT-BD 1000V/1500V

PV connector

Model	Rated Voltage Ue	Rated Current In	Size	Compatible with PV cable size
PVCNT-BD 1000V	DC1000V	30/45A	56*20*20mm	2.5/4/6mm²
PVCNT-BD 1500V	DC1500V	30/45/50/60A	59*20*20mm	2.5/4/6/10mm²



PVCNT-Y2/3/4

Y-type parallel PV connector

Model	Rated Voltage Ue	Rated Current In	Parallel
PVCNT-Y2/3/4/5	DC1000/1500V	30/45/50A	MF/FM,MMF/FFM,MMMF/FFFM



PVCNT-T2/3/4/5/6

T-type parallel PV connector

Model	Rated Voltage Ue	Rated Current In	Parallel
PVCNT-T2/3/4/5/6	DC1500V	50A	MF/FM,MMF/FFM,MMMF/,MMMMF/FFFFM, MMMMMF/FFFFFMMMMMMMF/FFFFFFM



PVCNT-Fuse

PV connector with fuse link

Model	Rated Voltage Ue	Rated Current In	Fuse Link Size	Fuse Connector Size
PVCNT-Fuse 1000V	DC1000V	1~32A	10x38mm	131*19*19mm
PVCNT-Fuse 1500V	DC1500V	1~35A	10X85mm	146*20*20mm



PVCNT-Diode

PV connector with diode

Model	Rated Voltage Ue	Rated Current In	Size
PVCNT-Diode	DC1000V	1~30A	110*19*19mm

AC Components

MCB/MCCB/SPD/Fuse/RCBO/LW/ATS/OUPA



- Lifetime Technical Support
- Short-circuit protection, overload protection, Isolation circuit, Smart Protection
- Durable and sturdy UL94 V-0 flame retardant, corrosion resistant
- OEM/ODM Free Customization for DC/AC Products

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LQB1-63C 1P/2P/3P/4P

Miniature circuit breaker (MCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQB1-63C	1P/2P/3P/4P	AC230/400V	16~63A	76*18xP*80mm



LQB1-125C 1P/2P/3P/4P

Miniature circuit breaker (MCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQB1-125C	1P/2P/3P/4P	AC230/400V	80~125A	81*27xP*78mm



LQB1-ID

Residual Current Circuit Breaker (RCCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQB1-ID	2P/3P/4P	AC230/400V	16~125A	82*36xP*69mm



LQB1LE

Residual Current Breaker with Overcurrent (RCBO)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQB1LE	1P+N, 2P, 3P, 3P+N,4P	AC230/400V	16~125A	94.5*W*77.8(1P+N:76.8)



LQM1-125

Molded-case circuit breaker (MCCB)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
LQM1-125	1P/2P/3P/4P	AC230/400V	63~125A	163*43(75/106/141)*108mm



LW20/26/30

change-over switch (CAM switch)

Model	Pole	Rated Voltage Ue	Rated Current In	Shift Gears
LW20/26/30	1P~10P	AC440V, DC120/240V	16~160A	2~12



AVP-2P 40/63/80

Adjustable Overvoltage and Undervoltage Current Protector (OUPA)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
AVP-2P 40/63/80A	2P	AC80~300V	1~40/63/80A	87*36*66mm



AVP-4P 63/100

Adjustable Overvoltage and Undervoltage Current Protector (OUPA)

Model	Pole	Rated Voltage Ue	Rated Current In	Size
AVP-4P 63/100A	4P	AC80~400V	1~63/100A	95*90*66mm



LQQ1-100E(Millisecond-level)

Dual-Power-Source Automatic Transfer Switch (ATS)

Model	Pole	Rated Voltage Ue	Rated Current In	Features
LQQ1-100E	2P/3P/4P	AC110/220/400V	63/100/125A	Grid ↔ PV Grid ↔ Generator PV ↔ Generator



LQQ1(PC-level)

Dual-Power-Source Automatic Transfer Switch (ATS)

Model	Pole	Rated Voltage Ue	Rated Current In
LQQ1	4P	AC400V	100~3200A



LQQ3-63/125(mini)

Dual-Power-Source Automatic Transfer Switch (ATS)

Model	Pole	Rated Voltage Ue	Rated Current In
LQQ3-63/125	2P/4P	AC230/400V	63/125A



LQSF

Dual-Power-Source Manual Transfer Switch (MTS)

Model	Pole	Rated Voltage Ue	Rated Current In
LQSF-40/63/125	1P/2P/3P/4P	AC110/220/400V	40/63/125A

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