

Waterproof Junction Box

1~32in/out IP65~68 UL94 V-0



CNLONQ waterproof distribution boxes/enclosures provide reliable protection for outdoor electrical systems, industrial control cabinets, and solar applications. Their features include high-performance sealing, impact resistance, and IP65/66/67 protection ratings, effectively ensuring the safety and stability of internal components in harsh weather conditions

- 

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
- 

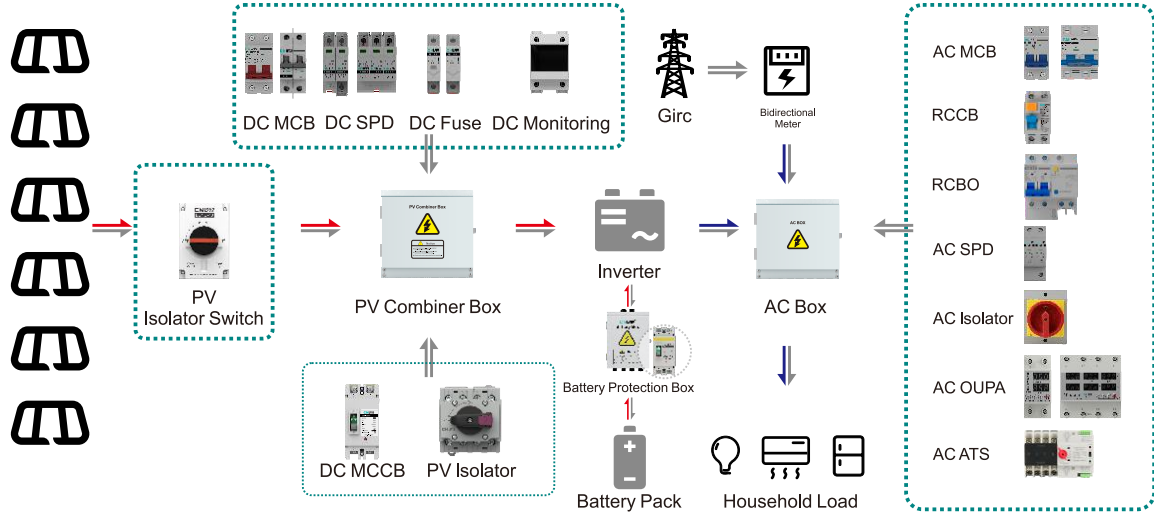
OEM/ODM Free Customization for PV Products

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.



Contents

LQX-N4~30 WAY IP68 PC+ABS Box	1
LQX-A 4~24 WAY IP65 PC+ABS Box	3
LQX-C 2~24 WAY IP65 PC+ABS Box	5
LQT 1~32in/out IP65 Metal Box	8

LQX-N SERIES 4~30 WAY

CE

ISO

9001

IEC

IP68

Waterproof Distribution Box



Technical data	
Model	LQX-N4/9/15/30
Way	4/9/15/30 ways
Quality Certificate	IP67, CE, ISO
Standard	IEC60529, EN 60309
Protection Level	IP68, UV protection
Impact Resistance Level	IK10
Flame Retardant Rating	UL94 V-0
Box Material	PC+ABS
Operating Temperature	-20°C ~ +85°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension(mm)	186*130*120(LQX-N4), 225*220*120(LQX-N9) 225*331*120(LQX-N15), 331*425*120(LQX-N30)

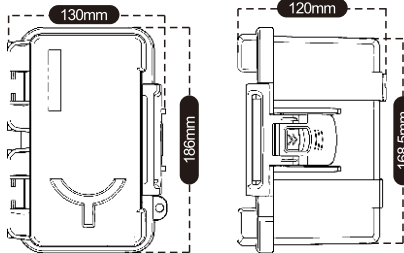
LQX-N series IP68 waterproof and flame-retardant

CN**LONQ**.com



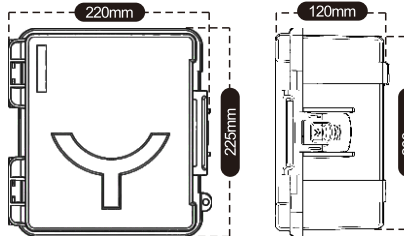
LQX-N4
IP68 Waterproof junction box

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



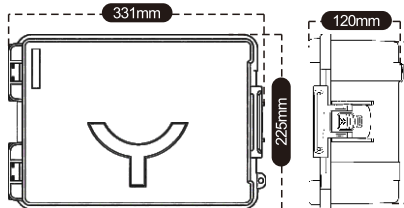
LQX-N9
IP68 Waterproof junction box

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



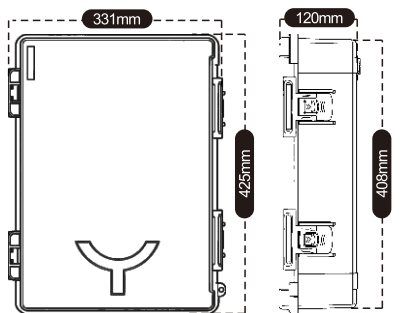
LQX-N15
IP68 Waterproof junction box

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-A SERIES 4~24 WAY

CE

ISO

9001

COMPANY

IEC

IP65

Waterproof Distribution Box



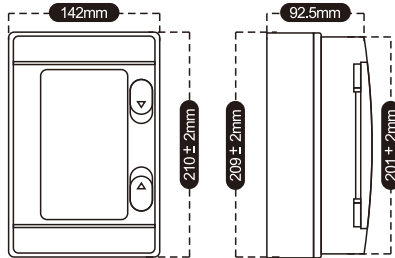
Technical data	
Model	LQX-A4/8/12/18/24
Way	4/8/12/18/24 ways
Quality Certificate	CE,RoHS,IP65
Standard	IEC60529, EN 60309
Protection Level	IP65, UV protection
Impact Resistance Level	IK10
Flame Retardant Rating	UL94 V-0
Box Material	PC+ABS
Operating Temperature	-20°C ~ +85°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension(mm)	210*142*100(LQX-A4), 210*215*100(LQX-A8) 258*298*125(LQX-A12), 285*410*128(LQX-A18) 422*298*135(LQX-A24)

LQX-A series IP65 waterproof and flame-retardant



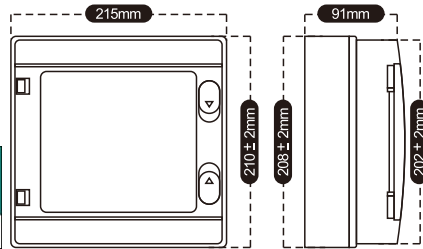
LQX-A4
IP65 Waterproof junction box

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



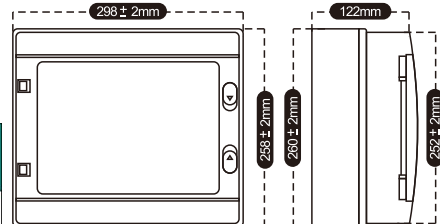
LQX-A8
IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A8	8ways	210*215*100mm	IP65/IK10



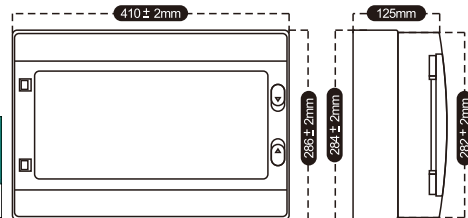
LQX-A12
IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A12	12ways	258*298*125mm	IP65/IK10



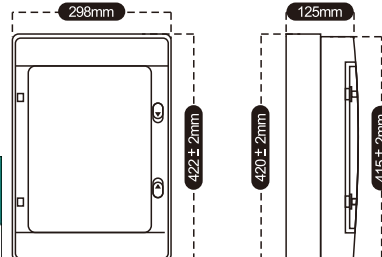
LQX-A18
IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A18	18ways	285*410*128mm	IP65/IK10



LQX-A24
IP65 Waterproof junction box

Model	Ways	Size	Protection Rating
LQX-A24	24ways	422*298*135mm	IP65/IK10



LQX-C SERIES 2~24 WAY

IP65 IP66

Waterproof Distribution Box



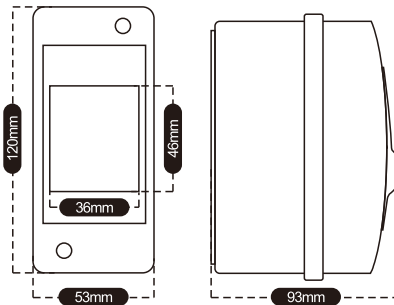
Technical data	
Model	LQX-C2/3/5/8/12/15/18/24
Way	2/3/5/8/12/15/18/24 ways
Quality Certificate	CE,ISO9001,IP65
Standard	IEC60529, EN 60309
Protection Level	IP65, UV protection(LQX-C3 IP66)
Impact Resistance Level	IK08(LQX-C3 IK10)
Flame Retardant Rating	UL94 V-0
Box Material	PC+ABS
Operating Temperature	-20°C ~ +85°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension(mm)	120*53*93(LQX-C2), 160*45*93(LQX-C3) 159*119*92(LQX-C5), 153*201*92(LQX-C8) 195*254*105(LQX-C12),195*305*105(LQX-C15) 360*194*105(LQX-C18),271*357*110(LQX-C24)

LQX-C series IP65 waterproof and flame-retardant



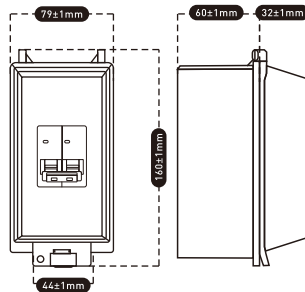
LQX-C2
IP65 Waterproof junction box

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



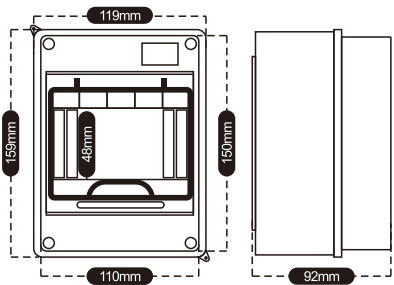
LQX-C3
IP66 Waterproof junction box

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



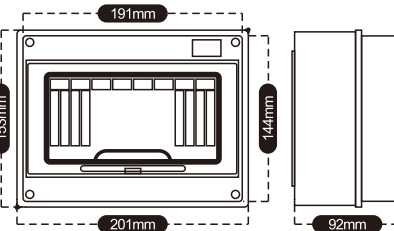
LQX-C5
IP65 Waterproof junction box

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



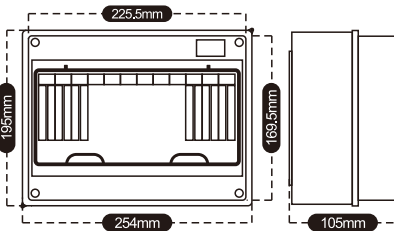
LQX-C8
IP65 Waterproof junction box

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

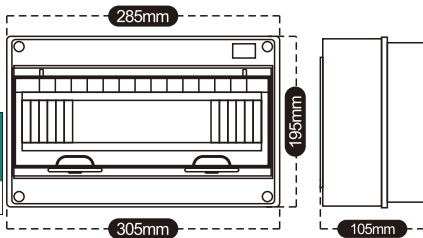




LQX-C15

IP65 Waterproof junction box

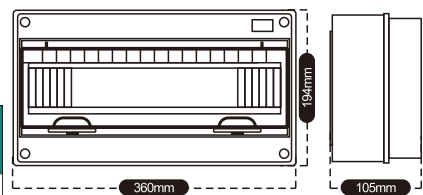
Model	Ways	Size	Protection Rating
LQX-C15	15ways	195*305*105mm	IP65/IK08



LQX-C18

IP65 Waterproof junction box

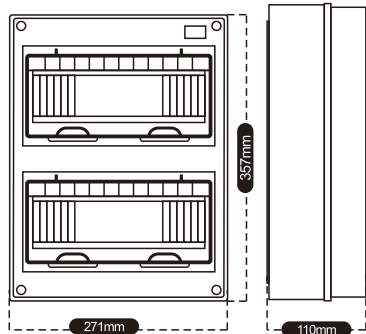
Model	Ways	Size	Protection Rating
LQX-C18	18ways	360*194*105mm	IP65/IK08



LQX-C24

IP65 Waterproof junction box

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



LQT SERIES 1~32 in 1~32 out IEC IP65 Waterproof Distribution Box



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	-20°C ~ +85°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension(mm)	Customized to meet your needs