

PV Combiner Box LQX-C Series



DC500V~1000V 16~125A input1~6 output1~4

CNLONQ Photovoltaic combiner boxes are reliable components for solar power plants and rooftop systems. They feature DC overcurrent protection, surge suppression, and fuse short-circuit protection. IP65+ protection rating. Photovoltaic combiner boxes serve as the critical hub for connecting multiple solar panels in series to the inverter. They consolidate DC power while providing essential protection and monitoring to maximize system safety, efficiency, and return on investment.

- 

IP65 outdoor waterproof and sun resistant UV-resistant
- 

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

PC housing, Ik08 impact resistance, flame retardant, corrosion resistant
- 

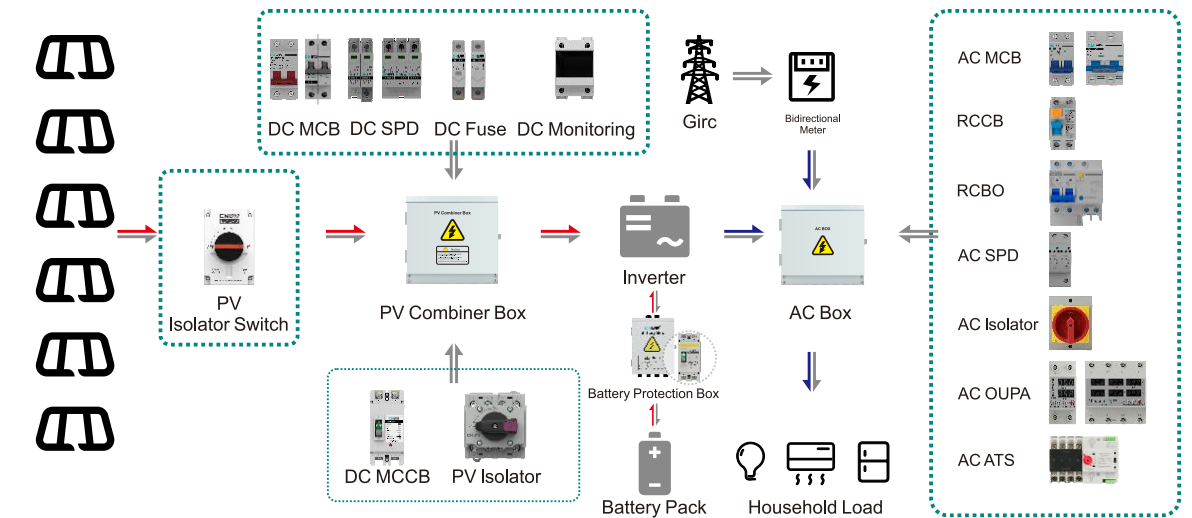
OEM/ODM Free Customization for PV Products

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

LQX1/1DC500VB1 600VL7	1	LQX1/1DC1000VB1 1000VL7	25
LQX2/1DC500VB1 600VL7	3	LQX2/1DC1000VB1 1000VL7	27
LQX2/2DC500VB1 600VL7	5	LQX2/2DC1000VB1 1000VL7	29
LQX3/1DC500VB1 600VL7	7	LQX3/1DC1000VB1 1000VL7	31
LQX3/3DC500VB1 600VL7	9	LQX3/3DC1000VB1 1000VL7	33
LQX4/1DC500VB1 600VL7	11	LQX4/1DC1000VB1 1000VL7	35
LQX4/2DC500VB1 600VL7	13	LQX4/2DC1000VB1 1000VL7	37
LQX4/4DC500VB1 600VL7	15	LQX5/1DC1000VB1 1000VL7	39
LQX5/1DC500VB1	17	LQX6/1DC1000VB1 1000VL7	41
LQX6/1DC500VB1	19	LQX6/2DC1000VB1 1000VL7	43
LQX6/2DC500VB1 600VL7	21		
LQX6/3DC500VB1 600VL7	23		

LQX-C1/1

CE

RoHS

IEC

IP65

PV Combiner Box 1in 1out

DC 500/600V

CN**LONG**Q.com



LQX-C1/1DC500VB1

LQX-C1/1DC600VL7

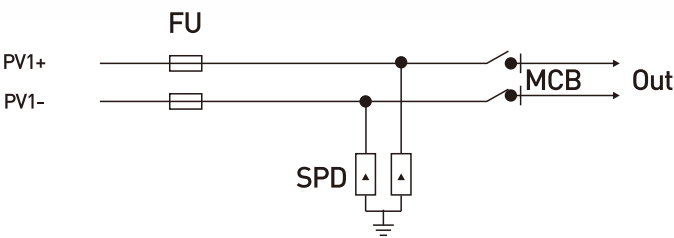
- 

IP65 outdoor waterproof and sun resistant UV-resistant
- 

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

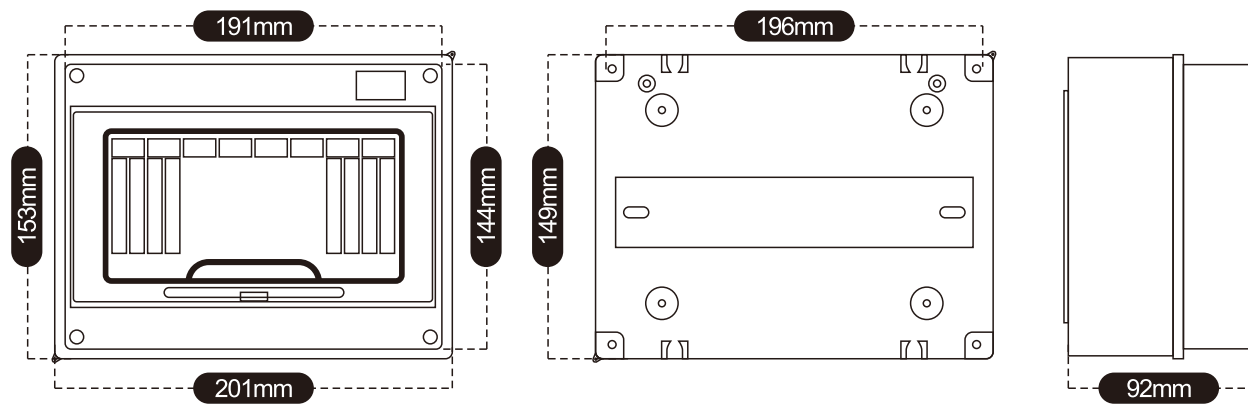
PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- 

OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C1/1DC500VB1	LQX-C1/1DC600VL7
String	1 in 1 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	15/20/25/30	
Maximum output current per string (A)	32/40/50/63	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	153*201*92mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C2/1

CE RoHS IEC IP65

PV Combiner Box 2in 1out

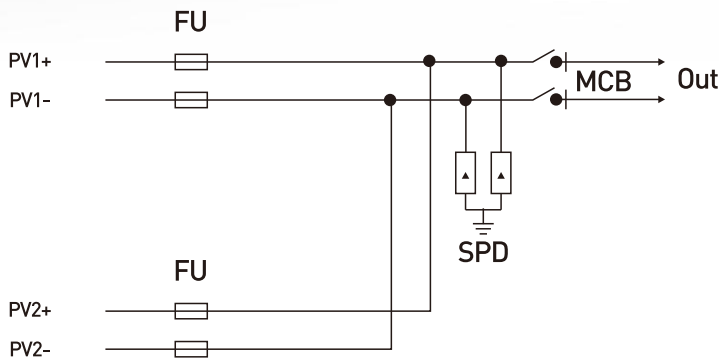
DC 500/600V



LQX-C2/1DC500VB1

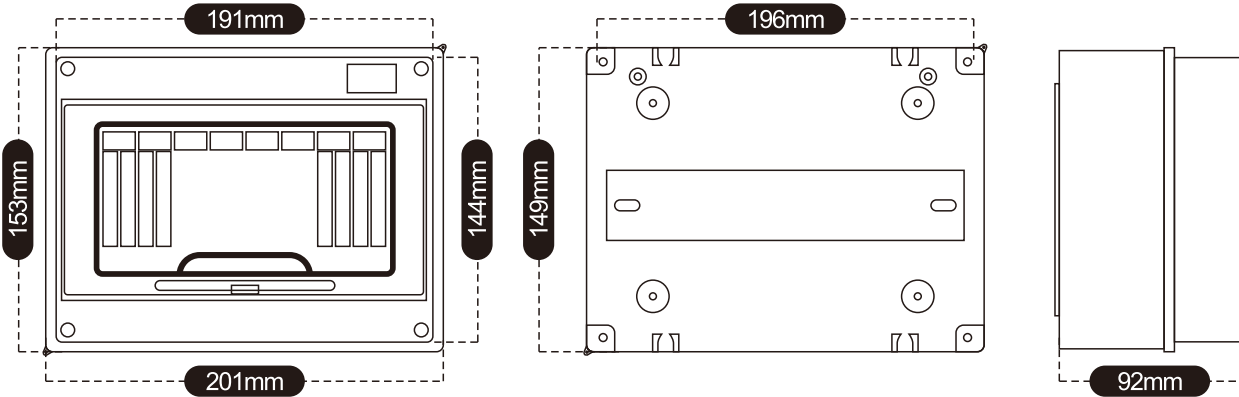
LQX-C2/1DC600VL7

-  IP65 outdoor waterproof and sun resistant UV-resistant
-  Short-circuit protection, overload protection, lightning protection, Isolation circuit
-  PC housing, IK08 impact resistance, flame retardant, corrosion resistant
-  OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C2/1DC500VB1	LQX-C2/1DC600VL7
String	2 in 1 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	15/20/25/30	
Maximum output current per string (A)	32/40/50/63	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	153*201*92mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	Imax (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C2/2

CE

RoHS

IEC

IP65

PV Combiner Box 2in 2out

DC 500/600V

CN**LONG**com



LQX-C2/2DC500VB1

LQXC2/2DC600VB1

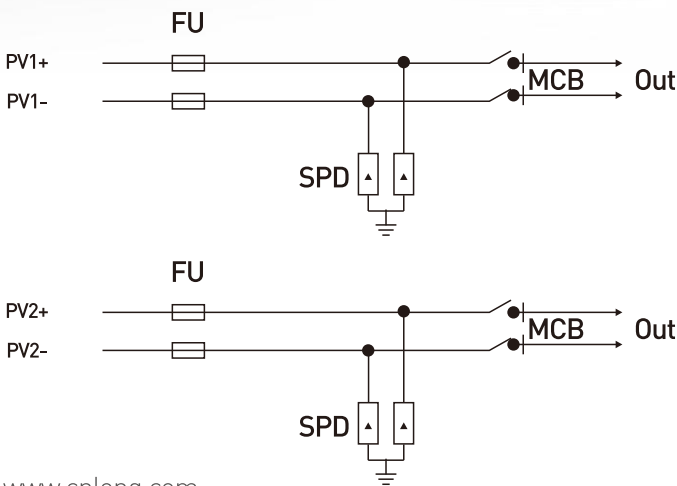
- 

IP65 outdoor waterproof and sun resistant UV-resistant
- 

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

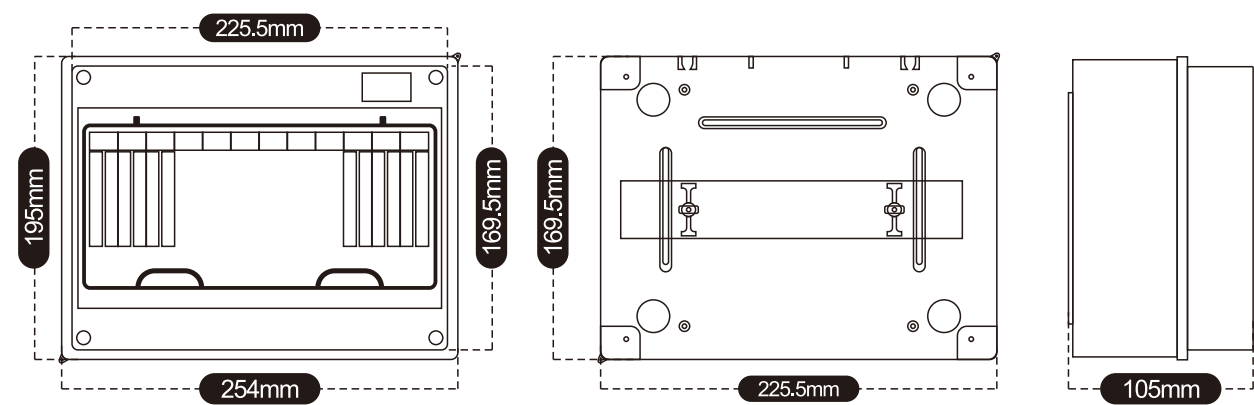
PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- 

OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C2/2DC500VB1	LQX-C2/2DC600VL7
String	2 in 2 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	15/20/25/30	
Maximum output current per string (A)	32/40/50/63	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	195*254*105mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C3/1

CE ISO 9001 R6HS IEC IP65

CN LONGQ .com

PV Combiner Box 3in 1out

DC 500/600V



LQX-C3/1DC500VB1



LQXC3/1DC600VB1



IP65 outdoor waterproof and sun resistant UV-resistant



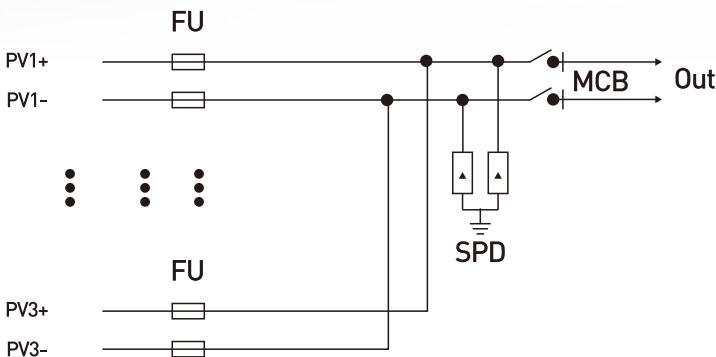
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant

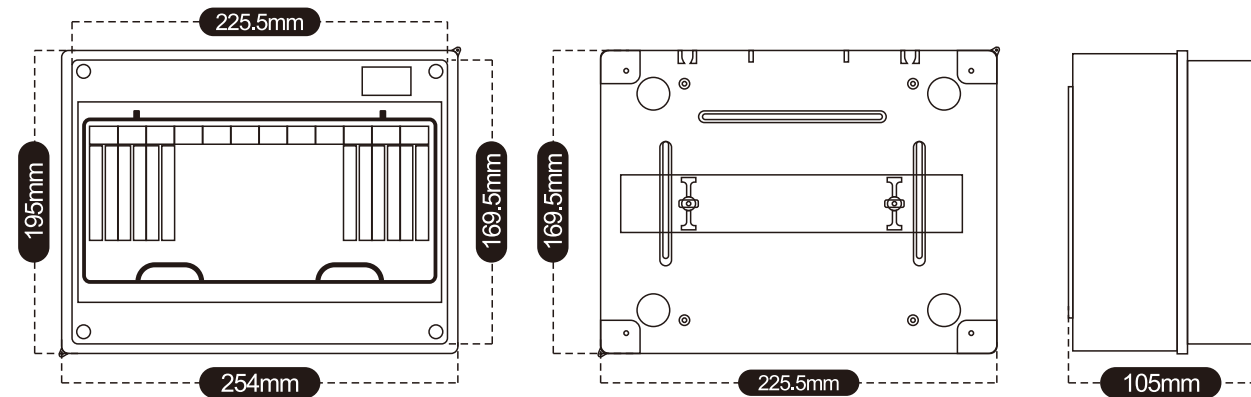


OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C3/1DC500VB1	LQX-C3/1DC600VB1
String	3 in 1 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/50/63/125	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	195*254*105mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63/125	Imax (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C3/3

CE ISO 9001 R6HS IEC IP65

PV Combiner Box 3in 3out

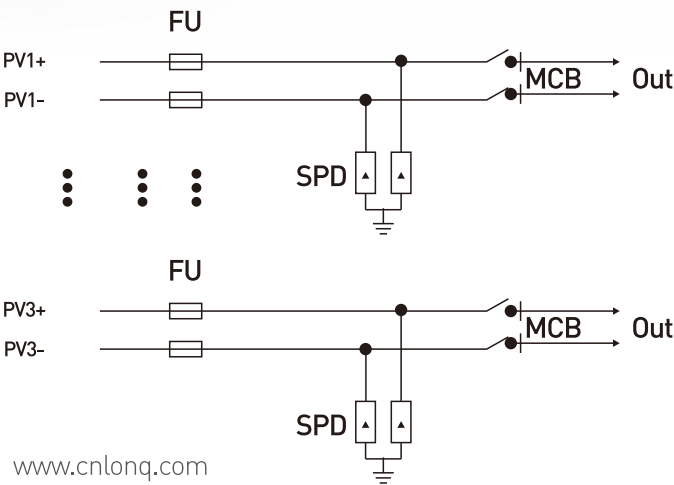
DC 500/600V



LQX-C3/3DC500VB1

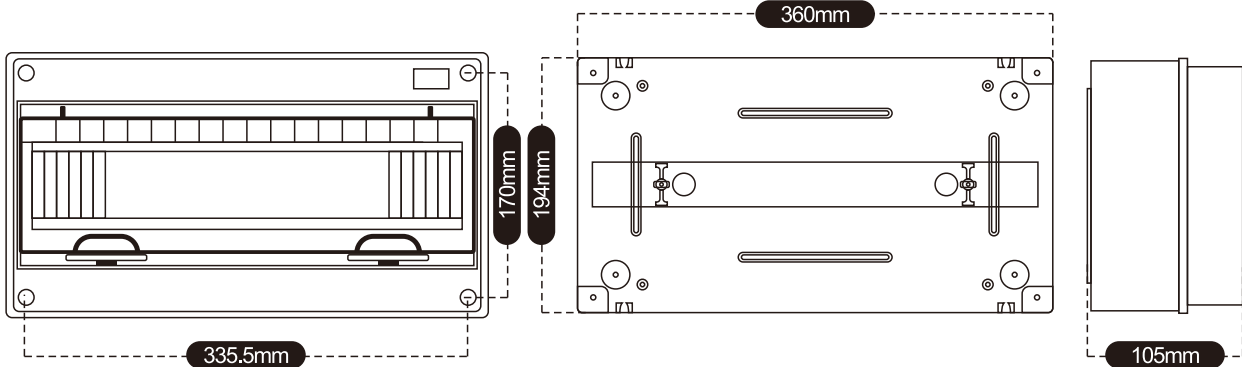
LQXC3/3DC600VL7

-  IP65 outdoor waterproof and sun resistant UV-resistant
-  Short-circuit protection, overload protection, lightning protection, Isolation circuit
-  PC housing, IK08 impact resistance, flame retardant, corrosion resistant
-  OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C3/3DC500VB1	LQX-C3/3DC600VL7
String	3 in 3 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/50/63	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	194*360*105mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C4/1

CE ISO 9001 RoHS IEC IP65

CN LONGQ.com

PV Combiner Box 4in 1out

DC 500/600V



LQX-C4/1DC500VB1



LQXC4/1DC600VB1



IP65 outdoor waterproof and sun resistant UV-resistant



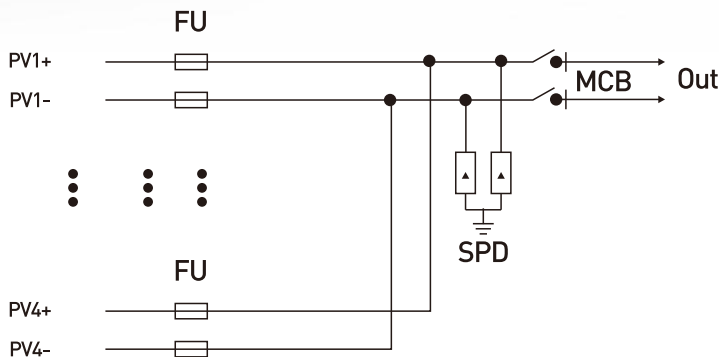
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant

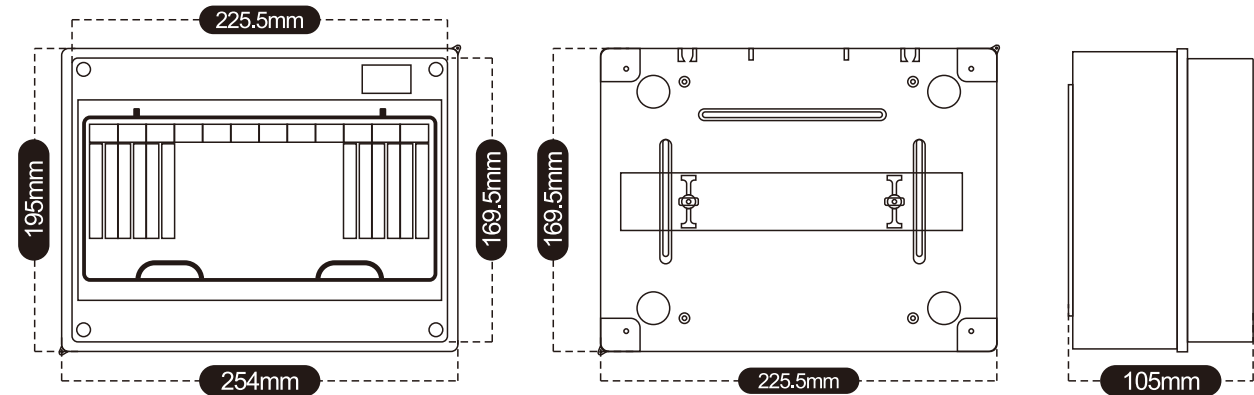


OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C4/1DC500VB1	LQX-C4/1DC600VL7
String	4 in 1 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/50/63/125	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	195*254*105mm(10~63A), 195*305*105mm(80~125A)	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63/125	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C4/2

CE ISO 9001 RoHS IEC IP65

CN LONGQ.com

PV Combiner Box 4in 2out

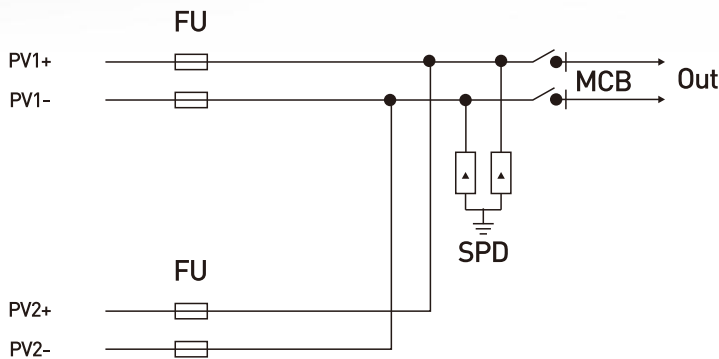
DC 500/600V



LQX-C4/2DC500VB1

LQXC4/2DC600VL7

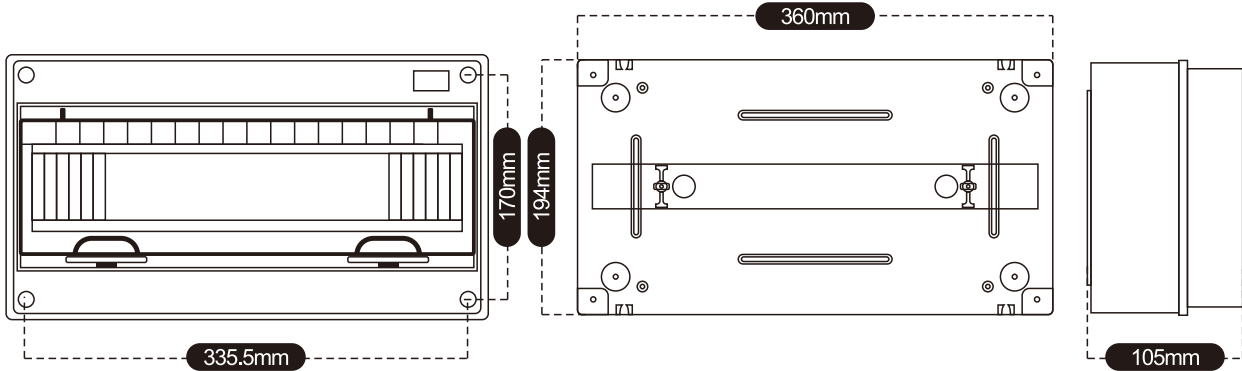
- IP65 outdoor waterproof and sun resistant UV-resistant
- Short-circuit protection, overload protection, lightning protection, Isolation circuit
- PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

*Includes 2 Lines Of This Type

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C4/2DC500VB1	LQX-C4/2DC600VL7
String	4 in 2 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/50/63	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	194*360*105mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C4/4

CE

ISO

CERTIFIED

COMPANY

RoHS

IEC

IP65

PV Combiner Box 4in 4out

DC 500/600V

CNLong.com



LQX-C4/4DC500VB1

LQXC4/4DC600VL7



IP65 outdoor waterproof and sun resistant UV-resistant



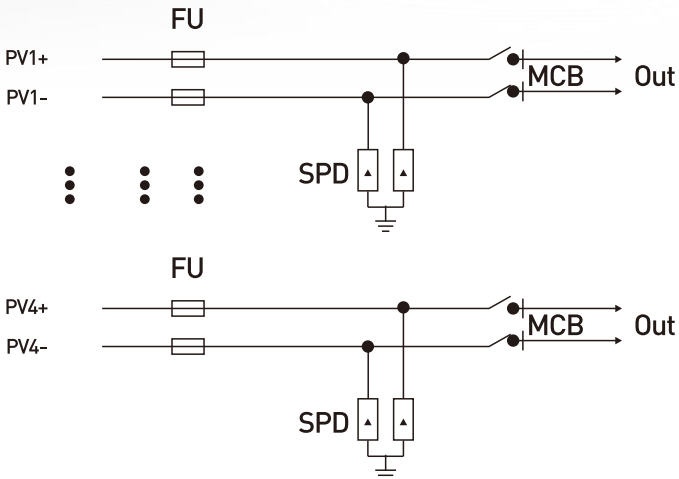
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant

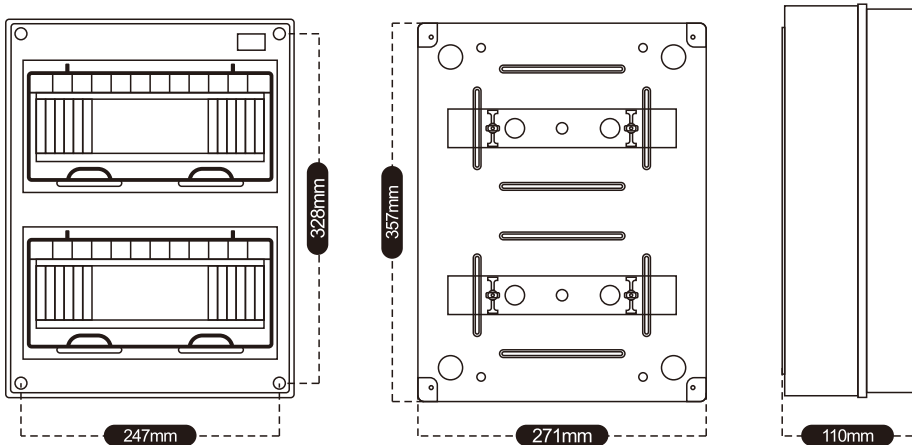


OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C4/4DC500VB1	LQX-C4/4DC600VL7
String	4 in 4 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/50/63	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	357*271*110mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C5/1

CE  RoHS IEC IP65

CN **LONG**Q.com

PV Combiner Box 5in 1out

DC 500V



LQX-C5/1DC500VB1



IP65 outdoor waterproof and sun resistant UV-resistant



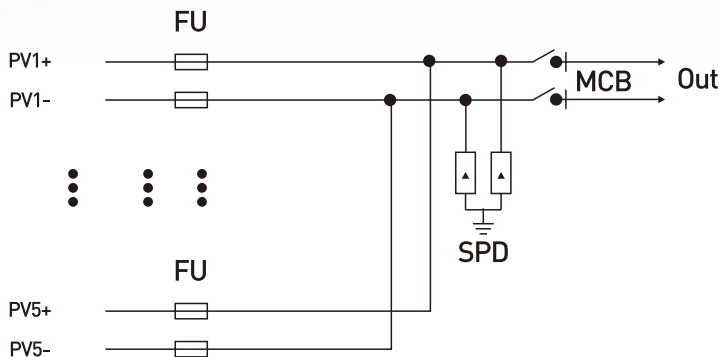
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant

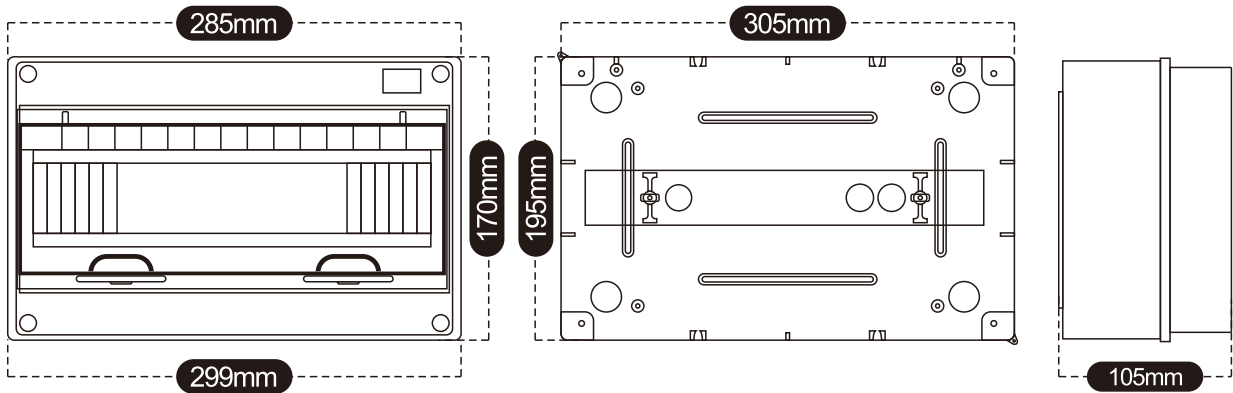


OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data	
Model	LQX-C5/1DC500VB1
String	5 in 1 out
Rated Voltage Ue (V)	DC 500
Maximum input current per string (A)	10/15/20/25/30
Maximum output current per string (A)	32/40/50/63/125
Quality Certificate	CE,ISO9001,RoHS,IP65
Protection Level	IP65
Impact Level	IK10
Box Material	PC+ABS
Operating Temperature	-25°C ~ +60°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension (without mounting connector)	195*305*105mm

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63/125	Imax (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C6/1

CE

RoHS

IEC

IP65

PV Combiner Box 6in 1out

DC 500V



LQX-C6/1DC500VB1

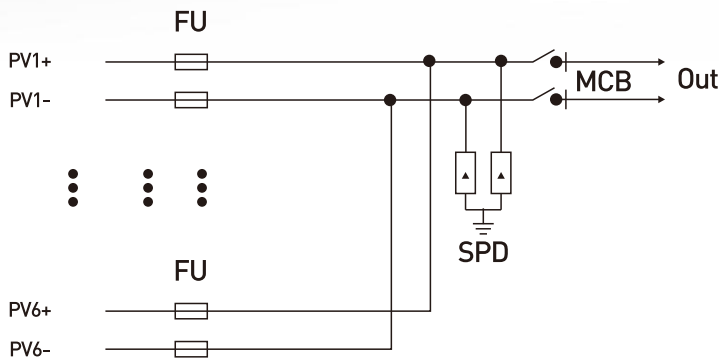
- 

IP65 outdoor waterproof and sun resistant
UV-resistant
- 

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

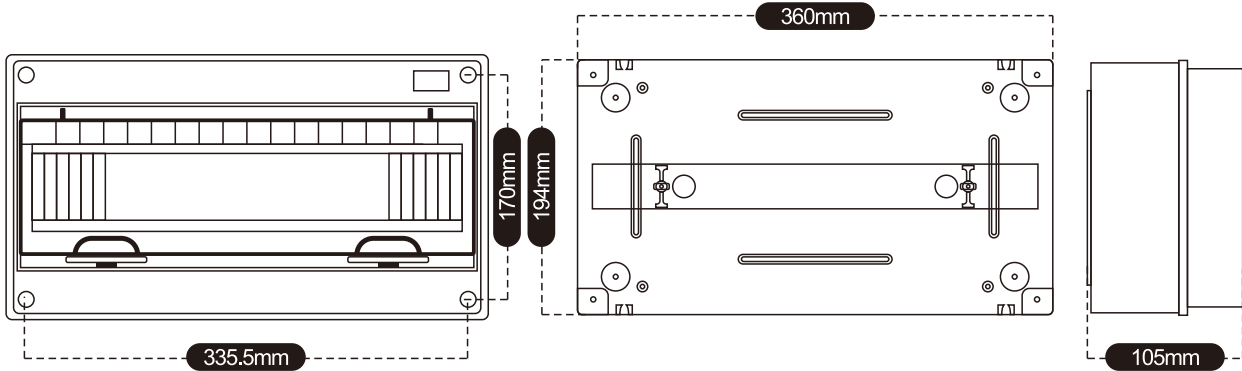
PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- 

OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data	
Model	LQX-C6/1DC500VB1
String	6 in 1 out
Rated Voltage Ue (V)	DC 500
Maximum input current per string (A)	10/15/20/25/30
Maximum output current per string (A)	32/40/50/63/125
Quality Certificate	CE,ISO9001,RoHS,IP65
Protection Level	IP65
Impact Level	IK10
Box Material	PC+ABS
Operating Temperature	-25°C ~ +60°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension (without mounting connector)	194*360*105mm

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	Imax (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C6/2

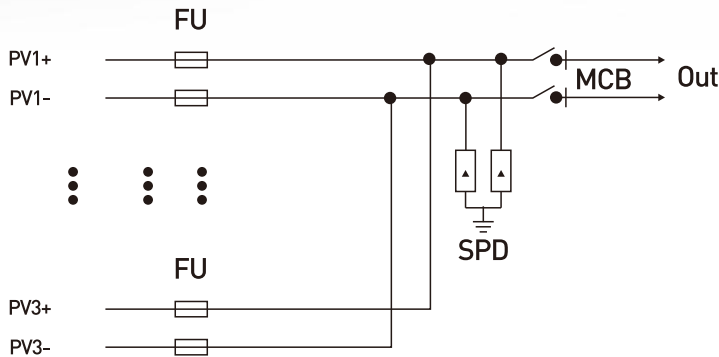
CE ISO 9001 RoHS IEC IP65

PV Combiner Box 6in 2out

DC 500/600V



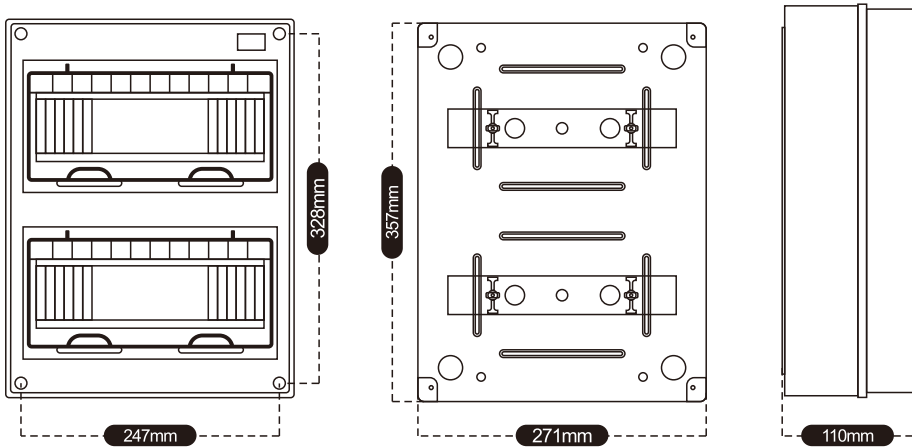
- IP65 outdoor waterproof and sun resistant, UV-resistant
- Short-circuit protection, overload protection, lightning protection, isolation circuit
- PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

*Includes 2 Lines Of This Type

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C6/2DC500VB1	LQX-C6/2DC600VL7
String	6 in 2 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/50/63/125	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	357*271*110mm	

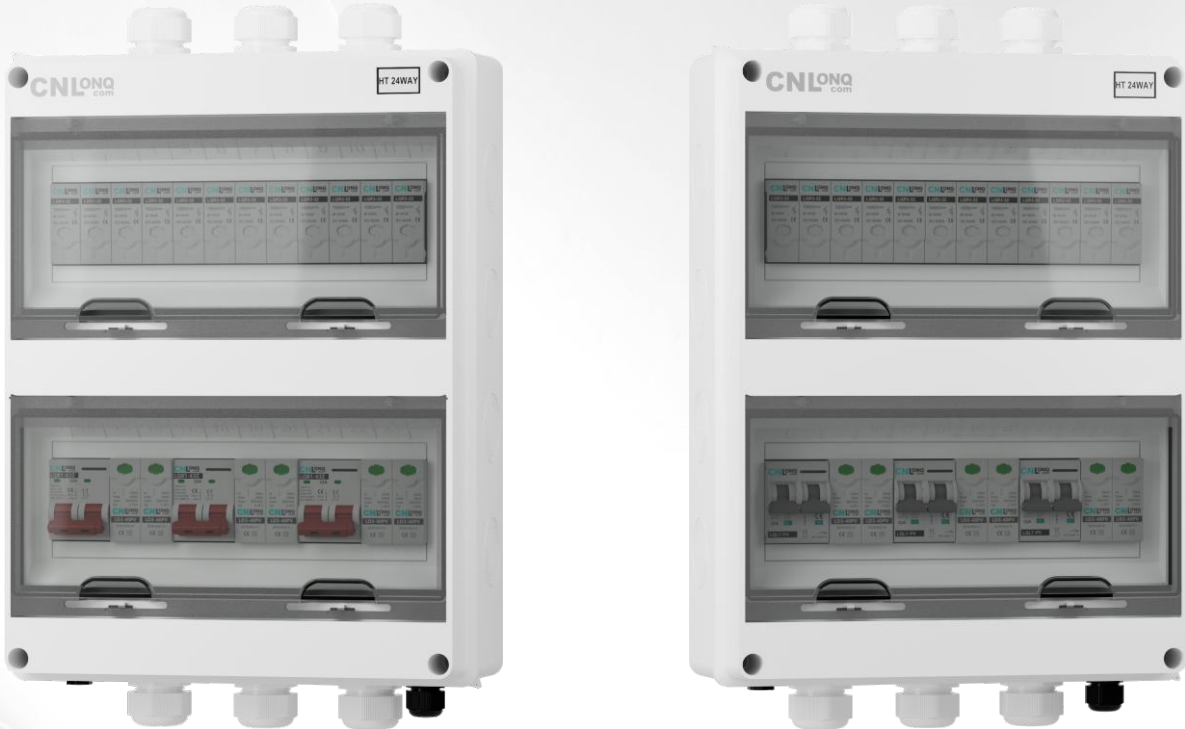
MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63/125	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C6/3

CE ISO 9001 RoHS IEC IP65

PV Combiner Box 6in 3out

DC 500/600V



LQX-C6/3DC500VB1

LQXC6/3DC600VL7



IP65 outdoor waterproof and sun resistant UV-resistant



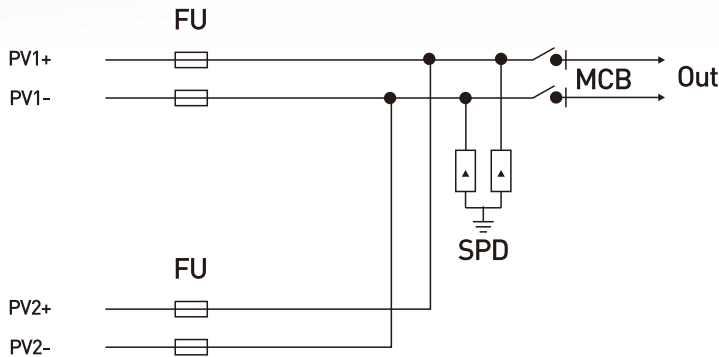
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant



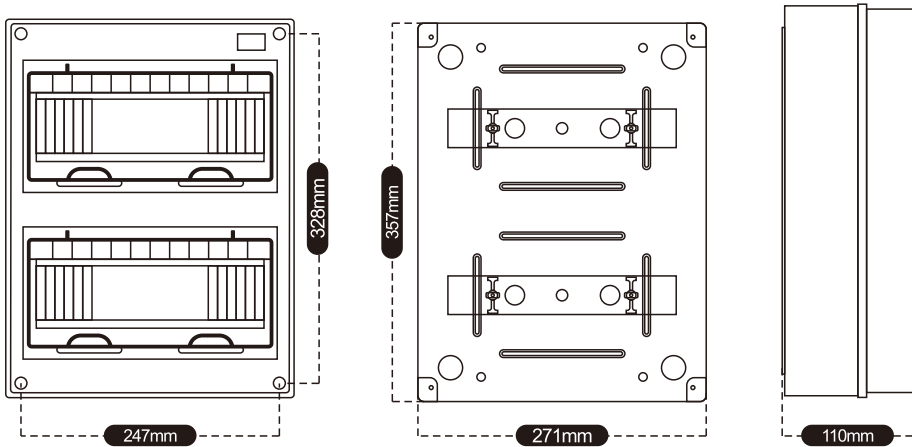
OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

*Includes 3 Lines Of This Type

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C6/3DC500VB1	LQX-C6/3DC600VL7
String	6 in 3 out	
Rated Voltage Ue (V)	DC 500	DC 600
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/50/63	32/40/50/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	357*271*110mm	

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC500/600	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000/1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63	Imax (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	2.2	Standard	IEC60269
standard	IEC 60947-2	standard	IEC 61643-31		

LQX-C1/1

CE



RoHS

IEC

IP65

PV Combiner Box 1in 1out

DC 1000V

CN**LONG**Q.com



LQX-C1/1DC1000VB1

LQXC1/1DC1000VL7



IP65 outdoor waterproof and sun resistant
UV-resistant



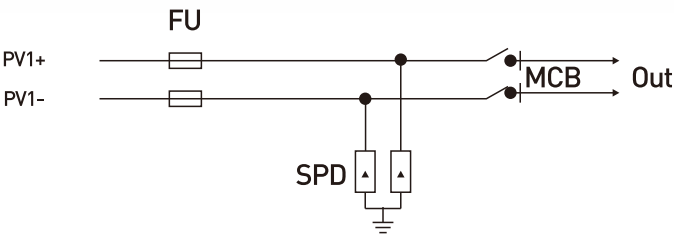
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant

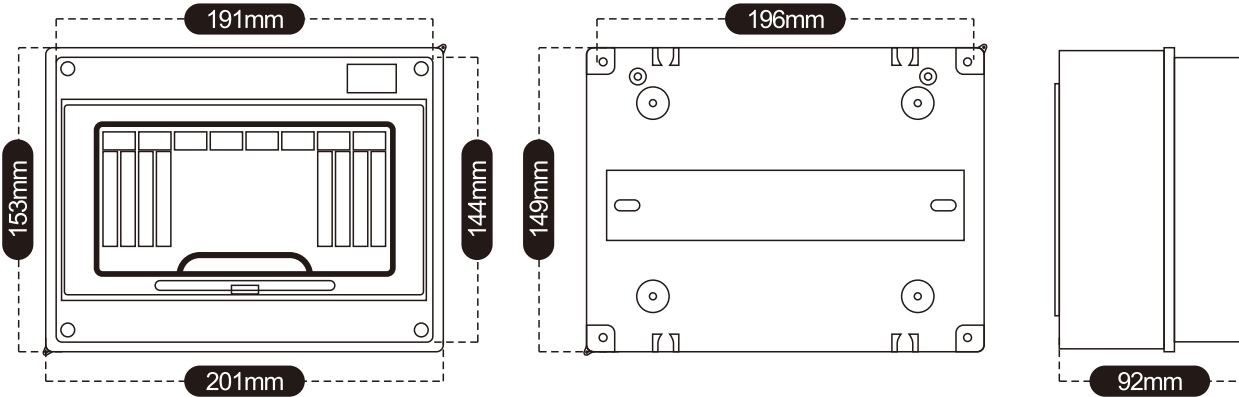


OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C1/1DC1000VB1	LQX-C2/1DC1000VL7
String	1 in 1 out	
Rated Voltage Ue (V)	DC 1000	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63	
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	153*201*92mm	

MCB	B1	L7	SPD		FUSE	
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63		Imax (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6		Protection Level (kV)	3.6	Standard	IEC60269
standard	IEC 60947-2		standard	IEC 61643-31		

LQX-C2/1

CE

ISO

CERTIFIED

COMPANY

RoHS

IEC

IP65

PV Combiner Box 2in 1out

DC 1000V

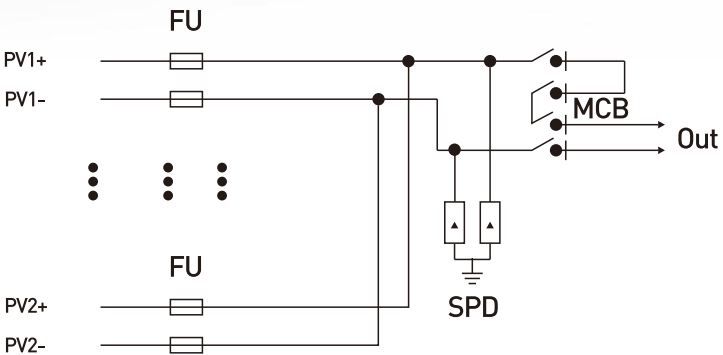
CN LONGQ.com



LQX-C2/1DC1000VB1

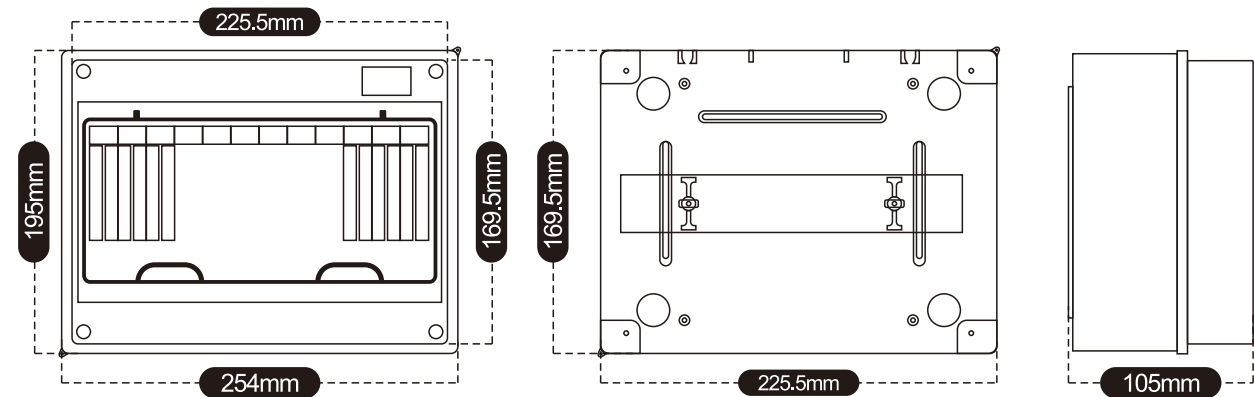
LQXC2/1DC1000VL7

- IP65 outdoor waterproof and sun resistant UV-resistant
- Short-circuit protection, overload protection, lightning protection, Isolation circuit
- PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C2/1DC1000VB1	LQX-C2/1DC1000VL7
String	2 in 1 out	
Rated Voltage Ue (V)	DC 1000	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63	
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	195*254*105mm	

MCB	B1	L7	SPD	FUSE
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20
Rated Current In(A)	32/40/50/63		I _{max} (8/20)us (kA)	40
Icu (kA)	6		Protection Level (kV)	3.6
standard	IEC 60947-2		standard	IEC 61643-31
			Rated Voltage Ue (V)	DC1000
			Rated Current In(A)	15/20/25/30
			Fuse Size (mm)	10*38
			Standard	IEC60269

LQX-C2/2

CE RoHS IEC IP65

PV Combiner Box 2in 2out

DC 1000V



LQX-C2/2DC1000VB1

LQXC2/2DC1000VL7



IP65 outdoor waterproof and sun resistant
UV-resistant



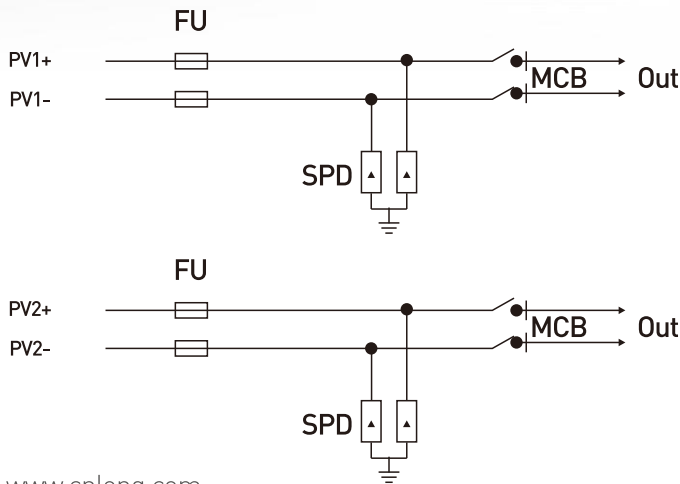
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant

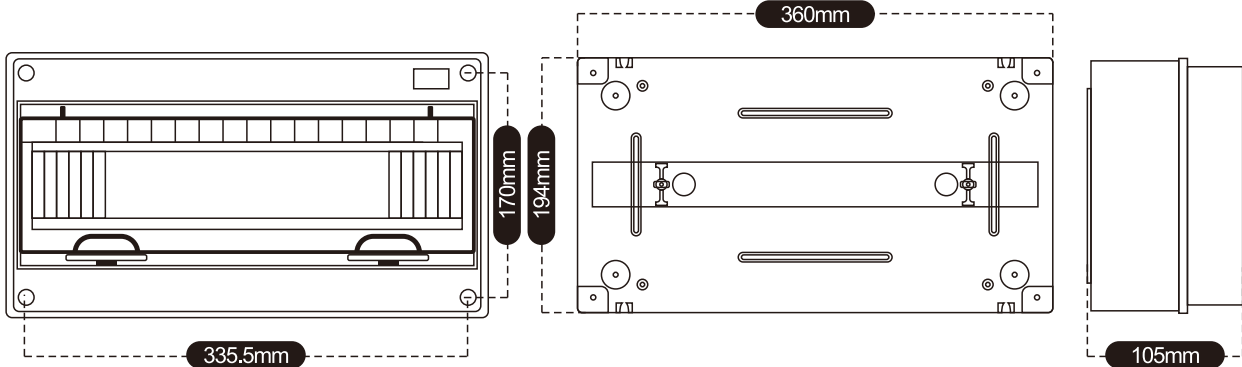


OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C2/2DC1000VB1	LQX-C2/2DC1000VL7
String	2 in 2 out	
Rated Voltage Ue (V)	DC 1000	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63	
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	194*360*105mm	

MCB	B1	L7	SPD	FUSE
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20
Rated Current In(A)	32/40/50/63		Imax (8/20)us (kA)	40
Icu (kA)	6		Protection Level (kV)	3.6
standard	IEC 60947-2		standard	IEC 61643-31
			Rated Voltage Ue (V)	DC1000
			Rated Current In(A)	15/20/25/30
			Fuse Size (mm)	10*38
			Standard	IEC60269

LQX-C3/1

CE

ISO

CERTIFIED

COMPANY

RoHS

IEC

IP65

PV Combiner Box 3in 1out

DC 1000V



LQX-C3/1DC1000VB1

LQXC3/1DC1000VL7

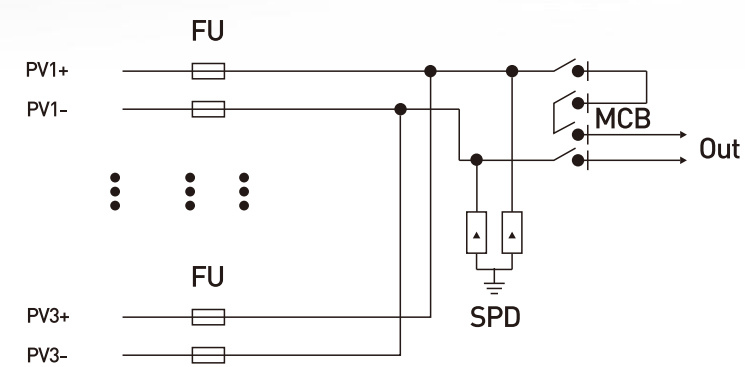
- 

IP65 outdoor waterproof and sun resistant UV-resistant
- 

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

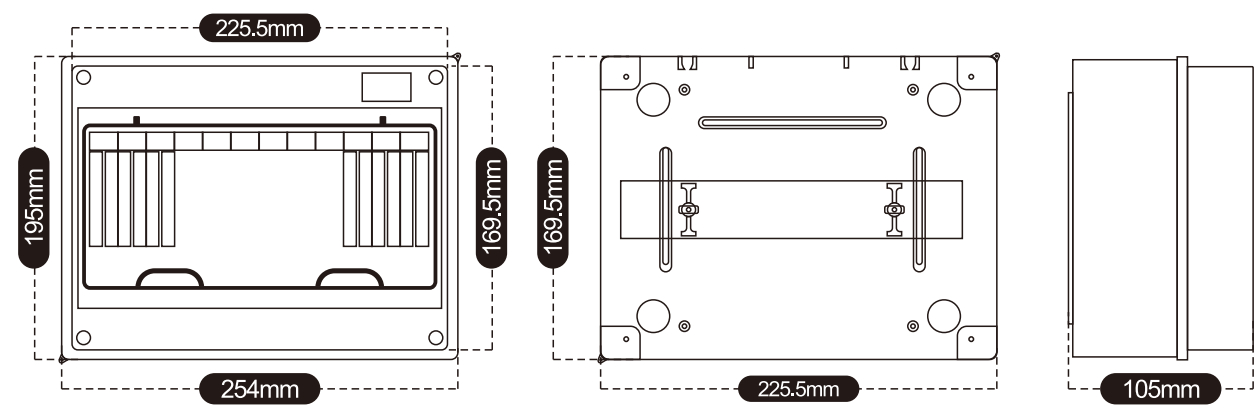
PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- 

OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C3/1DC1000VB1	LQX-C3/1DC1000VL7
String	3 in 1 out	
Rated Voltage Ue (V)	DC 1000V	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63/125	32/40/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	195*254*105mm(10~63A), 195*305*105mm(80~125A)	

MCB	B1	L7	SPD	FUSE
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20
Rated Current In(A)	32~125	32~63	Imax (8/20)us (kA)	40
Icu (kA)	6		Protection Level (kV)	3.6
standard	IEC 60947-2	standard	IEC 61643-31	

LQX-C3/3

CE RoHS IEC IP65

PV Combiner Box 3in 3out

DC 1000V



LQX-C3/3DC1000VB1



LQXC3/3DC1000VL7



IP65 outdoor
waterproof and sun
resistant
UV-resistant



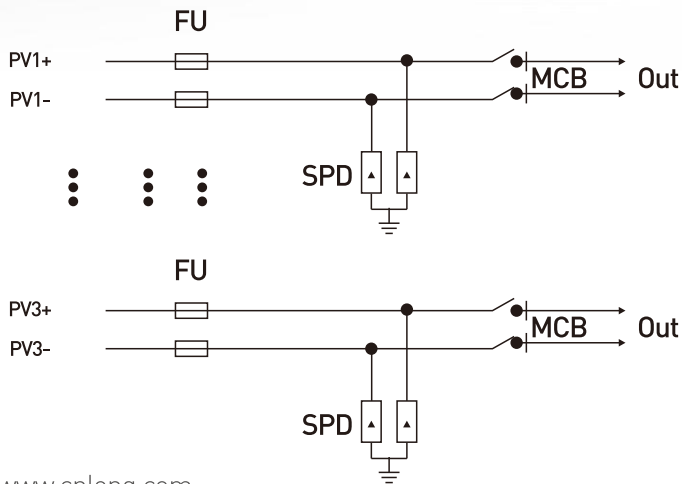
Short-circuit protection,
overload protection,
lightning protection,
Isolation circuit



PC housing,
IK08 impact resistance,
flame retardant,
corrosion resistant

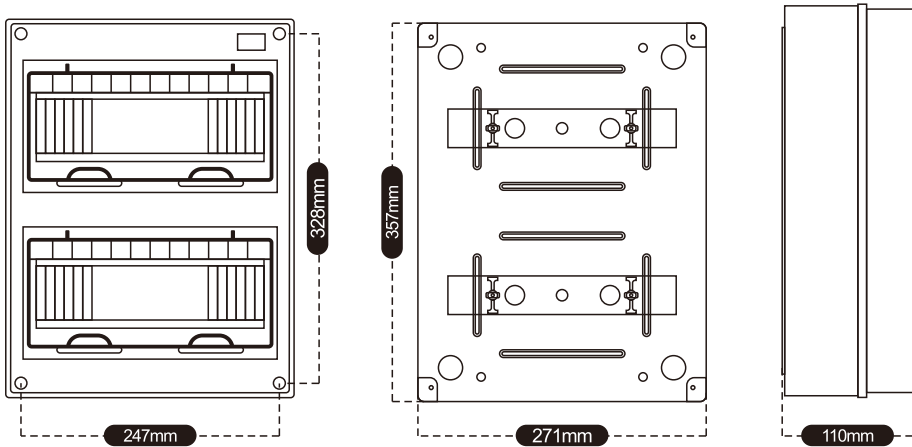


OEM/ODM Free
Customization
for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C3/3DC1000VB1	LQX-C2/2DC1000VL7
String	3 in 3 out	
Rated Voltage Ue (V)	DC 1000V	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63	
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	357*271*110mm	

MCB	B1	L7	SPD	FUSE
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20
Rated Current In(A)	32/40/50/63		Imax (8/20)us (kA)	40
Icu (kA)	6		Protection Level (kV)	3.6
standard	IEC 60947-2		standard	IEC 61643-31

LQX-C4/1

CE

ISO 9001

CERTIFIED COMPANY

RoHS

IEC

IP65

PV Combiner Box 4in 1out

DC 1000V

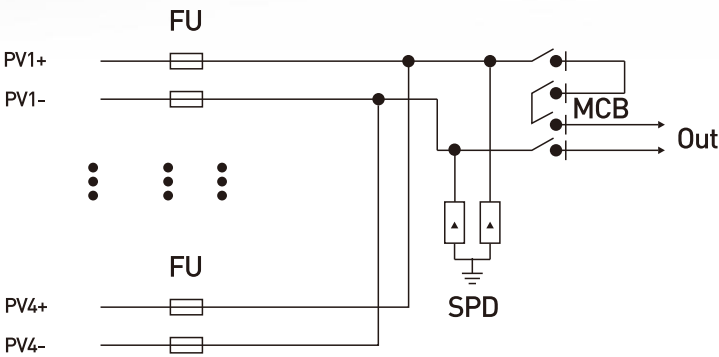
CNLong.com



LQX-C4/1DC1000VB1

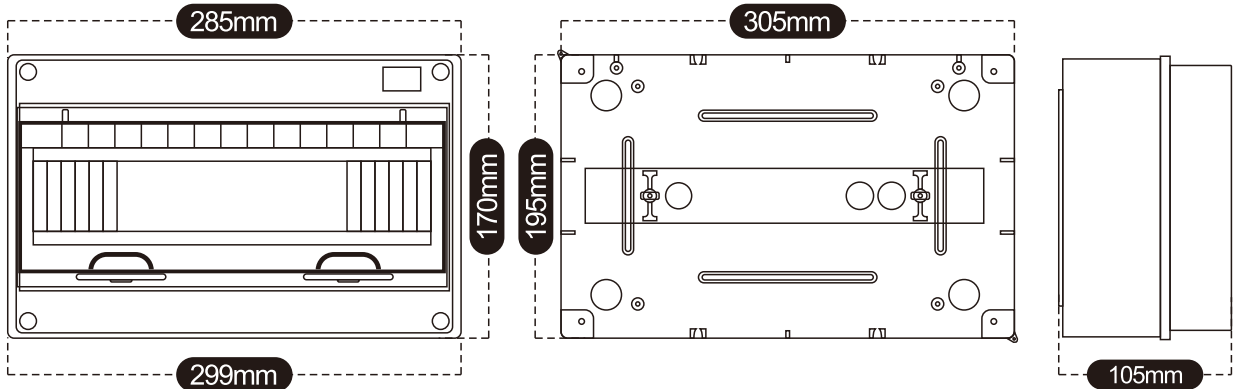
LQX-4/1DC1000VL7

- IP65 outdoor waterproof and sun resistant
UV-resistant
- Short-circuit protection, overload protection, lightning protection, Isolation circuit
- PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C4/1DC1000VB1	LQX-C4/1DC1000VL7
String	4 in 1 out	
Rated Voltage Ue (V)	DC 1000V	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63/125	32/40/63
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	195*305*105mm(10~63A), 194*360*105mm(80~125A)	

MCB	B1	L7	SPD	FUSE
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20
Rated Current In(A)	32~125	32~63	Imax (8/20)us (kA)	40
Icu (kA)	6		Protection Level (kV)	3.6
standard	IEC 60947-2		standard	IEC 61643-31
				Rated Voltage Ue (V)
				DC1000
				Rated Current In(A)
				15/20/25/30
				Fuse Size (mm)
				10*38
				Standard
				IEC60269

LQX-C4/2

CE  RoHS IEC IP65

PV Combiner Box 4in 2out

DC 1000V



LQX-C4/2DC1000VB1



LQXC4/2DC1000VL7



IP65 outdoor
waterproof and sun
resistant
UV-resistant



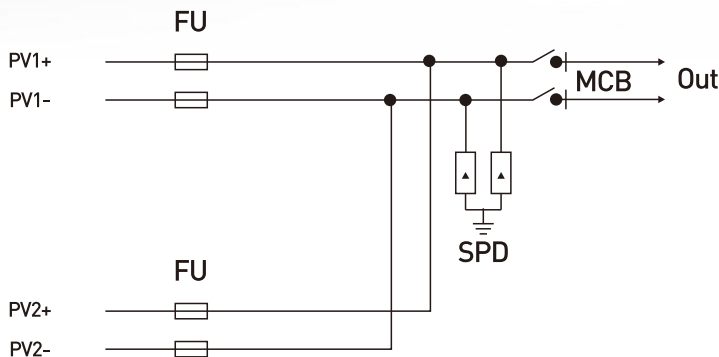
Short-circuit protection,
overload protection,
lightning protection,
Isolation circuit



PC housing,
IK08 impact resistance,
flame retardant,
corrosion resistant



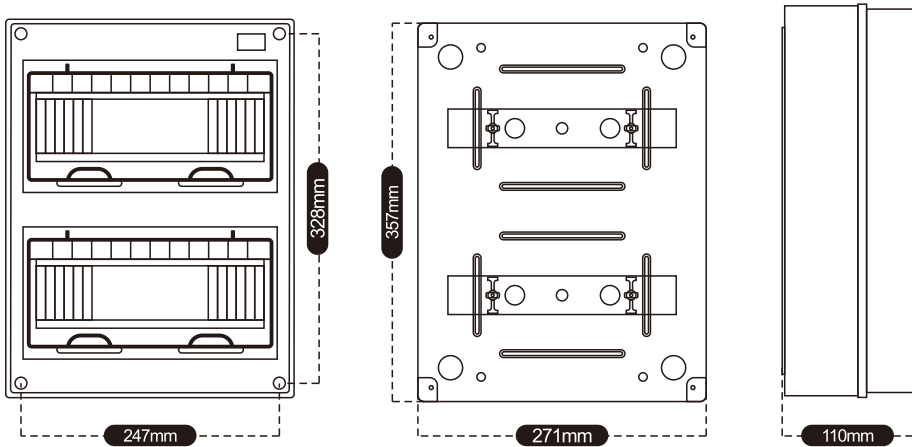
OEM/ODM Free
Customization
for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

*Includes 2 Lines Of This Type

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C4/2DC1000VB1	LQX-C2/2DC1000VL7
String	4 in 2 out	
Rated Voltage Ue (V)	DC 1000V	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63	
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	357*271*110mm	

MCB	B1	L7	SPD	FUSE
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20
Rated Current In(A)	32/40/50/63		I _{max} (8/20)us (kA)	40
Icu (kA)	6		Protection Level (kV)	3.6
standard	IEC 60947-2		standard	IEC 61643-31
			Rated Voltage Ue (V)	DC1000
			Rated Current In(A)	15/20/25/30
			Fuse Size (mm)	10*38
			Standard	IEC60269

LQX-C5/1

CE

RoHS

IEC

IP65

PV Combiner Box 5in 1out

DC 1000V



LQXC5/1 DC1000VB1

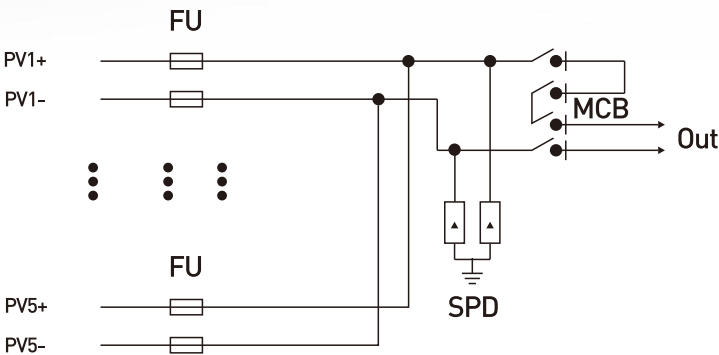
- 

IP65 outdoor waterproof and sun resistant
UV-resistant
- 

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

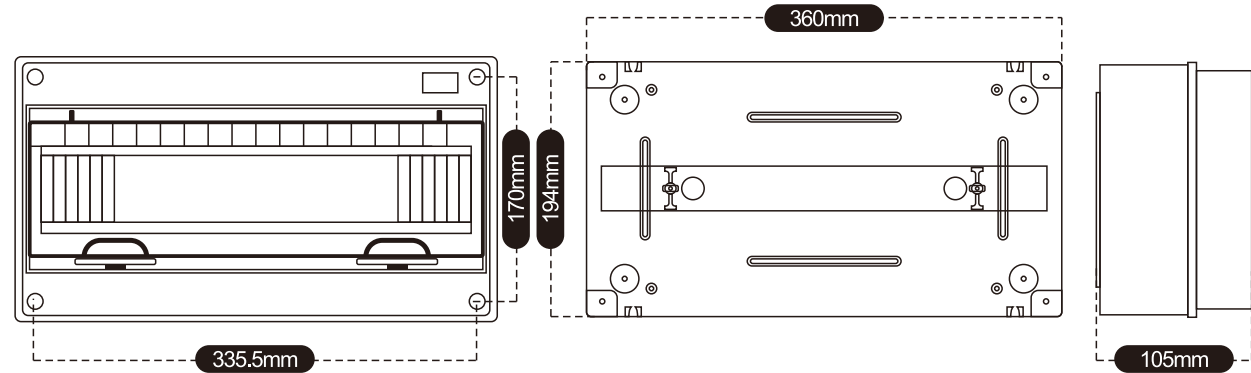
PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- 

OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data	
Model	LQX-C5/1DC1000VB1
String	5 in 1 out
Rated Voltage Ue (V)	DC 1000V
Maximum input current per string (A)	10/15/20/25/30
Maximum output current per string (A)	32/40/63/125
Quality Certificate	CE,ISO9001,RoHS,IP65
Protection Level	IP65
Impact Level	IK10
Box Material	PC+ABS
Operating Temperature	-25°C ~ +60°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension (without mounting connector)	194*360*105mm

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC1000	Rated Voltage Ue (V)	DC1000	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63/125	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	3.6	Standard	IEC60269
Standard	IEC 60947-2	Standard	IEC 61643-31		

LQX-C6/1

CE ISO 9001 RoHS IEC IP65

PV Combiner Box 6in 1out

DC 1000V



LQXC6/1 DC1000VB1

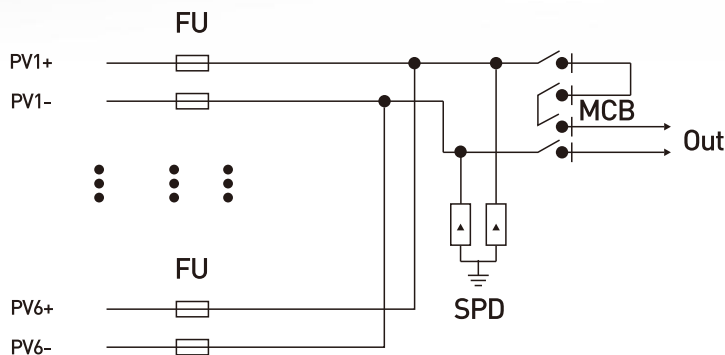
- 

IP65 outdoor waterproof and sun resistant UV-resistant
- 

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

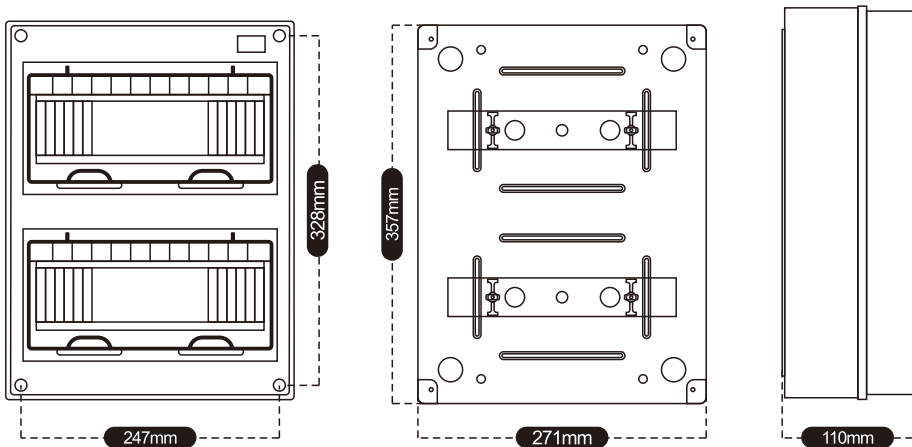
PC housing, IK08 impact resistance, flame retardant, corrosion resistant
- 

OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

Product Dimension Drawing (mm)



Technical data	
Model	LQX-C6/1DC1000VB1
String	6 in 1 out
Rated Voltage Ue (V)	DC 1000V
Maximum input current per string (A)	10/15/20/25/30
Maximum output current per string (A)	32/40/63/125
Quality Certificate	CE,ISO9001,RoHS,IP65
Protection Level	IP65
Impact Level	IK10
Box Material	PC+ABS
Operating Temperature	-25°C ~ +60°C
Humidity	≤95%
Connector	MC4 or PG
Installation	Wall Mounting
Altitude	2000m
Dimension (without mounting connector)	357*271*110mm

MCB		SPD		FUSE	
Rated Voltage Ue (V)	DC1000	Rated Voltage Ue (V)	DC1000	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	In (8/20)us (kA)	20	Rated Current In(A)	15/20/25/30
Rated Current In(A)	32/40/50/63/125	I _{max} (8/20)us (kA)	40	Fuse Size (mm)	10*38
Icu (kA)	6	Protection Level (kV)	3.6	Standard	IEC60269
Standard	IEC 60947-2	Standard	IEC 61643-31		

LQX-C6/2

CE ISO 9001 RoHS IEC IP65

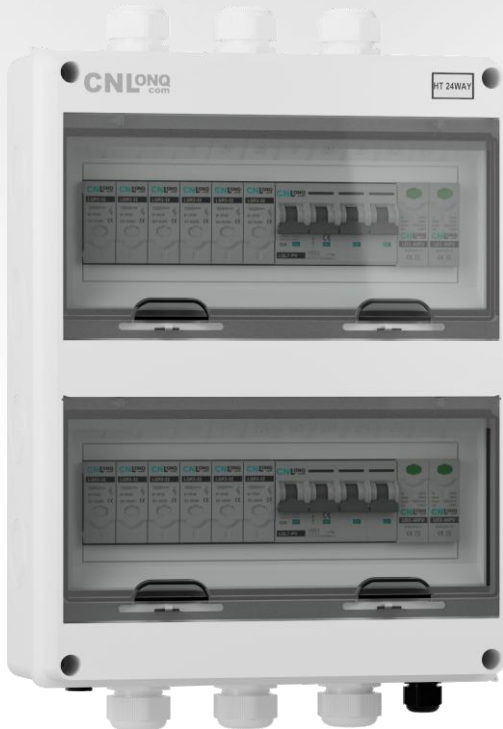
CN LONGQ.com

PV Combiner Box 6in 2out

DC 1000V



LQX-C6/2DC1000VB1



LQXC6/2DC1000VL7



IP65 outdoor waterproof and sun resistant UV-resistant



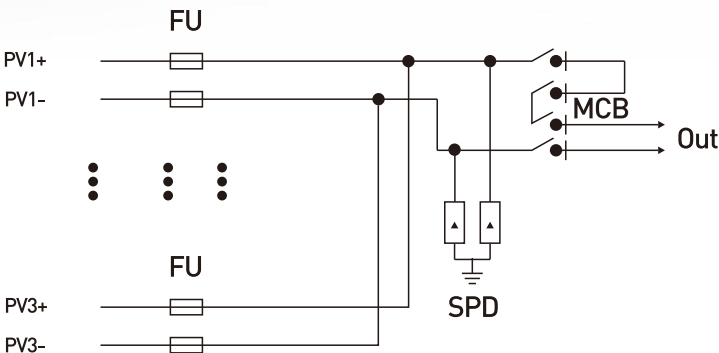
Short-circuit protection, overload protection, lightning protection, Isolation circuit



PC housing, IK08 impact resistance, flame retardant, corrosion resistant



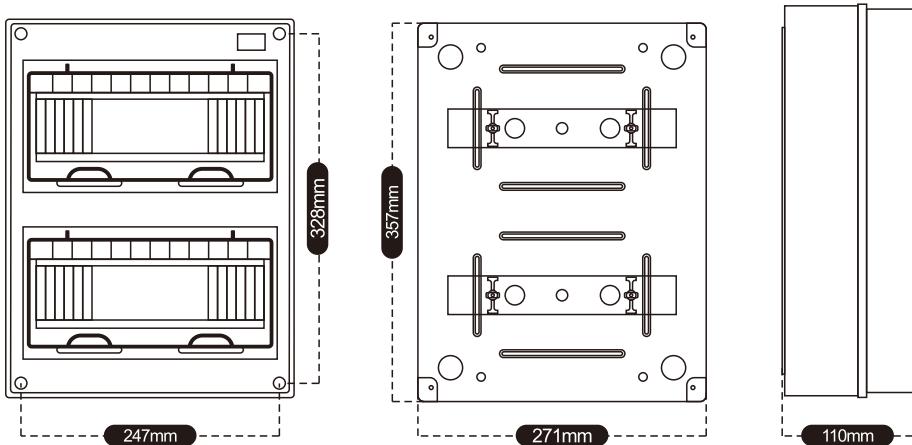
OEM/ODM Free Customization for PV Products



MCB: Miniature Circuit Breaker
FU: Fuse+Fuse holder
SPD: Surge Protection Device

*Includes 2 Lines Of This Type

Product Dimension Drawing (mm)



Technical data		
Model	LQX-C6/2DC1000VB1	LQX-C6/2DC1000VL7
String	6 in 2 out	
Rated Voltage Ue (V)	DC 1000V	
Maximum input current per string (A)	10/15/20/25/30	
Maximum output current per string (A)	32/40/63	
Quality Certificate	CE,ISO9001,RoHS,IP65	
Protection Level	IP65	
Impact Level	IK10	
Box Material	PC+ABS	
Operating Temperature	-25°C ~ +60°C	
Humidity	≤95%	
Connector	MC4 or PG	
Installation	Wall Mounting	
Altitude	2000m	
Dimension (without mounting connector)	357*271*110mm	

MCB	B1	L7	SPD	FUSE
Rated Voltage Ue (V)	DC1000	DC1200	Rated Voltage Ue (V)	DC1000
Ui (V)	DC1000	DC1200	In (8/20)us (kA)	20
Rated Current In(A)	32/40/50/63		Imax (8/20)us (kA)	40
Icu (kA)	6		Protection Level (kV)	3.6
standard	IEC 60947-2		standard	IEC 61643-31
			Rated Voltage Ue (V)	DC1000
			Rated Current In(A)	15/20/25/30
			Fuse Size (mm)	10*38
			Standard	IEC60269