



PV Switch-disconnector

Waterproof IP66 High performance Solar DC 1500V PV Photovoltaic Isolator Isolating Switch.

Safety design:

We offer a comprehensive range of isolating switches designed with safety in mind. In stand-alone and enclosed formats, this switch range are padlockable, making it ideal for any electrical isolation requirement, such as repair, maintenance, installation and inspection.

Features:

Compact and suitable where space is limited.

Load-breaking up to 8 times rated current making it ideal for motor isolation.

Double-break with silver rivets- superior performance, reliability and long lasting.

Padlockable handle- tamper-proof.

Highly visible red handle.

Technical Data



Model	LONQ-40
Pole	4P
Rated voltage	1500VDC
Rated current	32A
Uimp(V)	8000
Icw(A)	1000
Dimensions	157x104x110
Waterproof degree	IP20
Certificate	TUV/CE/IEC/AS/ROHS/UKCA/CCC
Standards	IEC/EN 60947-3 AS 60947-3
Ambient temperature	-40°C -- +85°C
Insulated voltage	DC 1500V



LQNQ-40

PV Switch-disconnector

$U_i=1500V$

$U_{imp}=8kV$ IP66NW

IEC/EN 60947-3

AS 60947-3

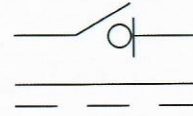
No polarity

I_{the} 32A solar 40°C

I_{the} 29A solar 60°C

DC-PV1 DC-PV2

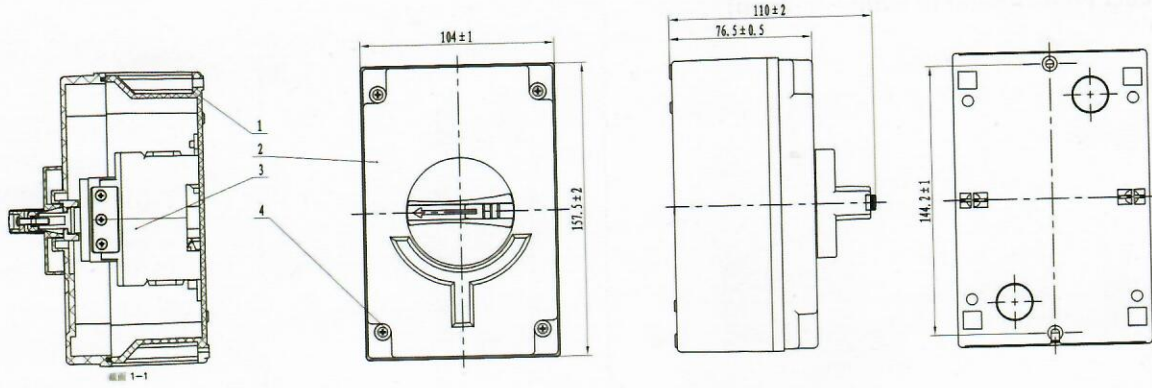
T_a : -40°C-+85°C



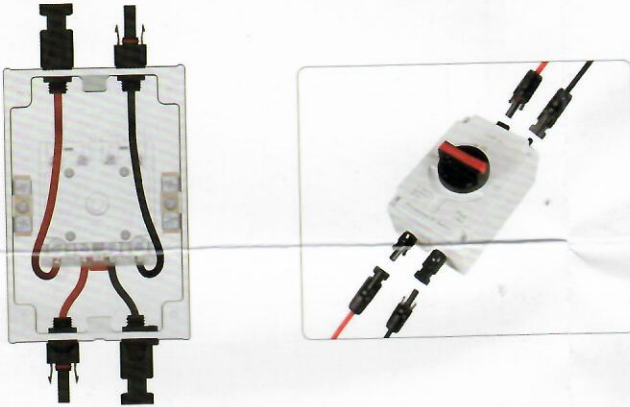
Poles in series	U_e V dc					
	300	600	800	1000	1200	1500
2P(A2, A4)	32A	32A	25	16	13	6
4P(4T, 4B, 4S)	32A	32A	32A	32A	32A	23A

Wiring diagram

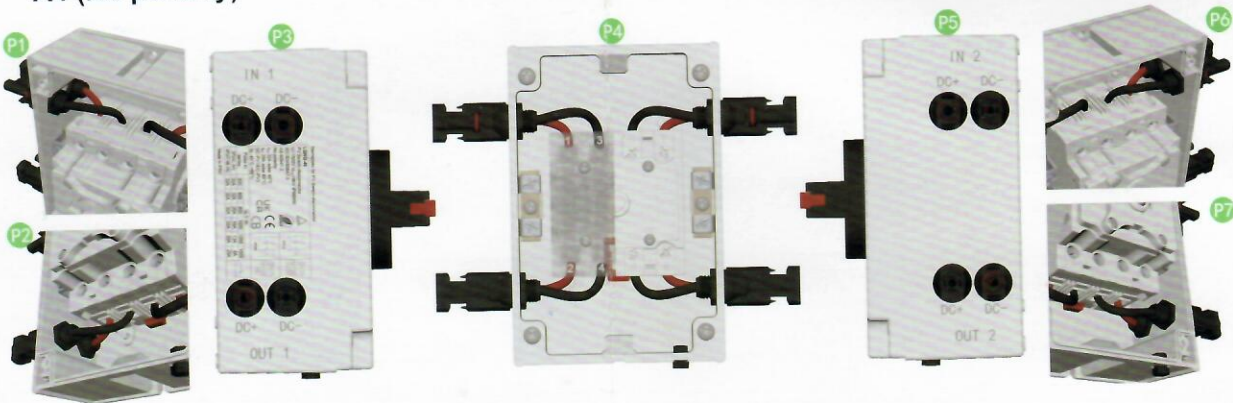
DC-PV1 DC-PV2		Wiring Diagram	Load Diagram
Connect method code	Circuit Type		
2P(A2)	2 poles in series for one string, 1 load		
2P(A4)	2 poles in series for one string, total 2 loads		
4P(4T)	4 poles in series, for one string		
4P(4B)	4 poles in series, for one string		
4P(4S)	4 poles in series, for one string		



- 1 Shell bottom and wall mounting hole.
 - 2 Rotate Handel to the "OFF" position and locate shaft into switch body.
 - 3 Clear product identification and parameters.
 - 4 Tighten screw.
- 4B (No polarity)**



A4 (No polarity)



- P1: IN1 DC+ DC-
- P2: OUT1 DC+ DC-
- P3: 1 MPPT
- P4: connection diagram
- P5: 2 MPPT
- P6: IN2 DC+ DC-
- P7: OUT2 DC+ DC-

Product Photos(Refer to wiring diagram)



LONQ-40.2/2-A4



LONQ-40.2MC4-A4



LONQ-40-4B



LONQ-40.M20-4B



LONQ-40.FM20
(All applicable)



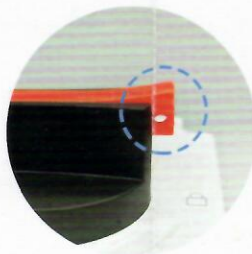
LONQ-40.M12-4B

Padlock installation steps

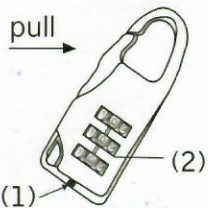
1 Push the handle



2 Expose small holes



3 Hang up the padlock



The lock is set in manufacture to open at 000. You can save it as your own combination, or set a new combination according to the following steps:

1. Press and hold the button in the direction of the arrow.
2. Release the button and turn the dial to the desired personal combination.