

PV ARRAY DC ISOLATOR

Disconnect Switch

8KV

Test of Rated Impulse
Withstand Voltage

1500V

Nominal Insulation Voltage

IP66NW

Waterproof

55A

Conventional Thermal Current



FEATURES



Quickly disconnect DC power from your solar array to the charge controller, batteries and/or inverters.



Outdoor rated.



Off and on grid applications.



Isolated SAFE-LOCK with three rotational positions, reducing the risk of tampering.



Circuit: 2 pole and 1 string.



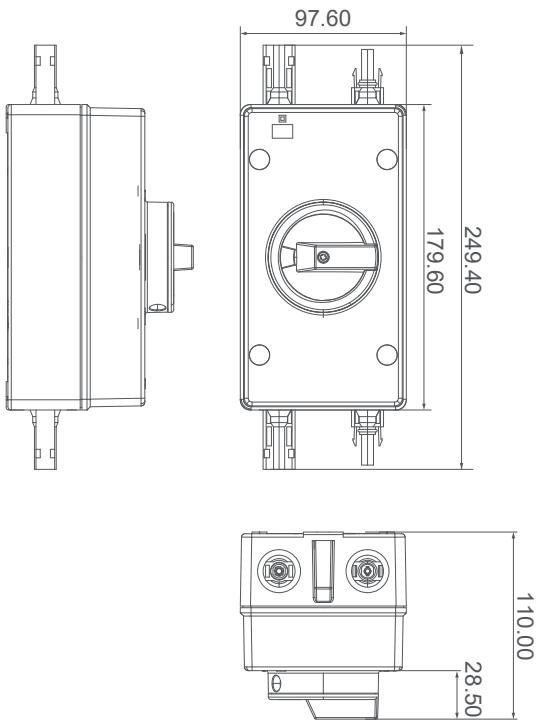
Ensures the disconnection of load circuits and suppression of the arc in under 3 milliseconds.



Lock out option.



Output and input connections are built for easy setup and installation.



PRODUCT DIMENSIONS (MM)

SPECIFICATIONS

Max. Rated Current	55 A
Max. Rated Voltage	1500 V
Circuit	2 pole and 1 string
Standard	TUV, SAA, CE, IP certified & ROHS compliant
Waterproof	IP66NW
Arc Time	<3ms
Operating Temperature	-40°F to +185°F (-40°C to +85°C)
Weight	1.7lb / 0.77kg
Dimensions (HxWxD)	9.8x3.8x4.3in / 249.4x97.6x110mm
Warranty	3 years
Non-corrosive	

CONTACT DIAGRAM/SWITCHING EXAMPLE

RS-i2	...2	...4	...4S	...4T
Contact diagram	+1 — — 1 -1 — — 1	+1 — — 1 -1 — — 1 +2 — — 2 -2 — — 2	+1 — — 1 -1 — — 1 +1 — — 1 -1 — — 1	+1 — — 1 +1 — — 1 -1 — — 1 -1 — — 1
Switching example	+1 — — 1 -1 — — 1	+1 — — 1 -1 — — 1 +2 — — 2 -2 — — 2	+1 — — 1 -1 — — 1 +1 — — 1 -1 — — 1	+1 — — 1 +1 — — 1 -1 — — 1 -1 — — 1