

Generator disconnection boxes



Generator disconnection boxes are enclosures where PV arrays are electrically connected and where the isolation function is performed in order to permit maintenance procedures. Overvoltage and overload protection can be located on these boxes if necessary.

According to standards

- IEC 60634-7-712
- UNE 2460-7-712
- IEC 943-7-3
- IEC 61643-11
- EN 60439-1

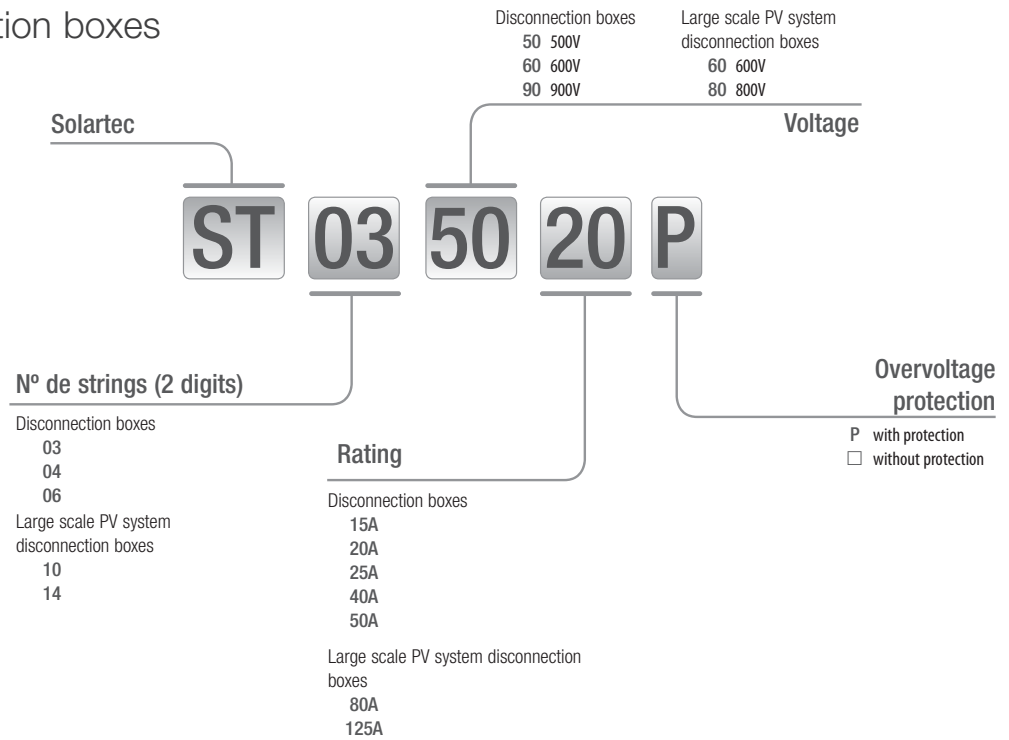
- Transparent cover for inspection purposes. PC material.
- Load break switches with interlockable exterior handle. Voltages up to 900V.
- Overvoltage protection Class II 1000VDC
- Fuse protection against overloads (10A fuse for standard references).

General characteristics

- Enclosures highly resistant to hard weather and environment conditions. Enclosures on GRP material.
- Easy installation and highly accesible on maintenance works.



Codes disconnection boxes

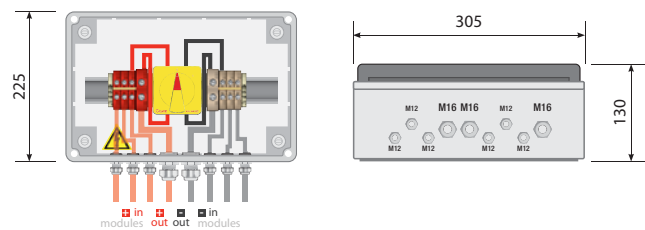


3 strings boxes



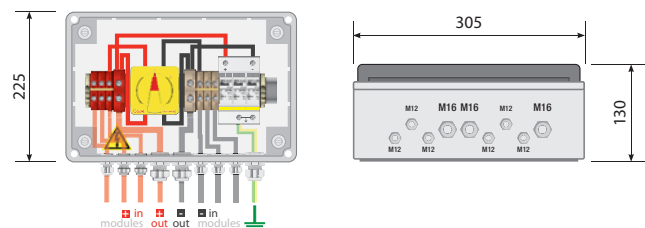
Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST039025	3	900	25 A	No	IP65	ABS/PC

Dimensions



Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST039025P	3	900	25 A	PST31PV	IP65	ABS/PC

Dimensions



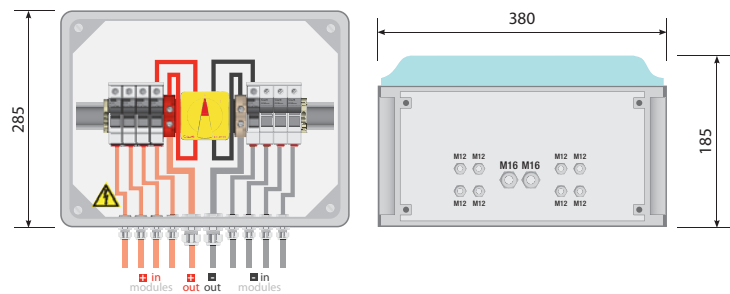
Generator disconnection boxes

4 strings boxes



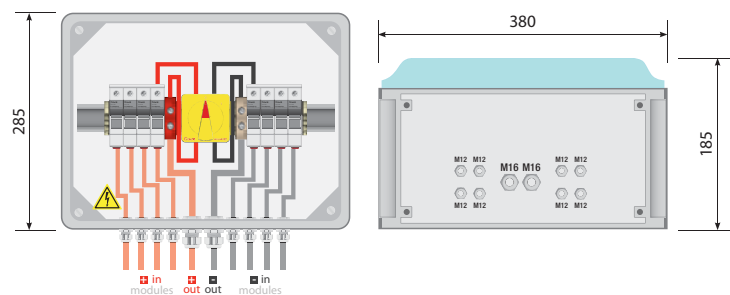
Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST046025	4	600	25 A	No	IP55	GRP/PC

Dimensions



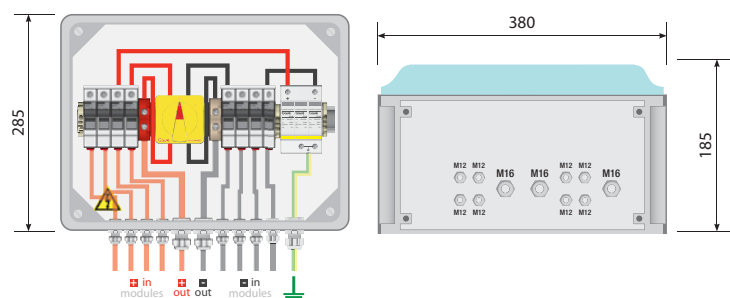
Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST049025	4	900	25 A	No	IP55	GRP/PC

Dimensions



Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST049025P	4	900	25 A	PST31PV	IP55	GRP/PC

Dimensions

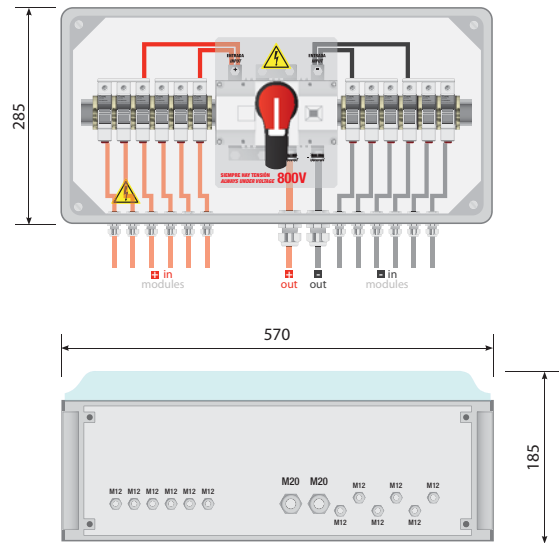


6 strings boxes



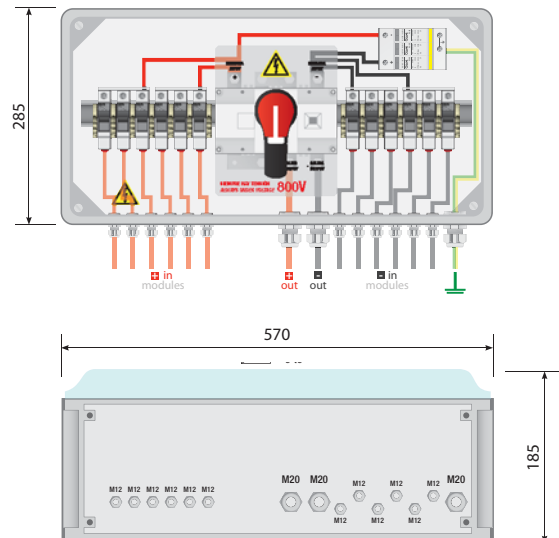
Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST068060	6	800	63 A	No	IP55	GRP/PC

Dimensions



Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST068060P	6	800	63 A	PST31PV	IP55	GRP/PC

Dimensions





Generator disconnection boxes for solar parks

Generator disconnection boxes for solar parks are large enclosures where PV arrays are electrically connected and where the isolation function is performed in order to permit maintenance procedures. Overvoltage and overload protection can be located on these boxes if necessary.

According to standards

- IEC 60634-7-712
- UNE 2460-7-712
- IEC 943-7-3
- IEC 61643-11
- EN 60439-1

General characteristics

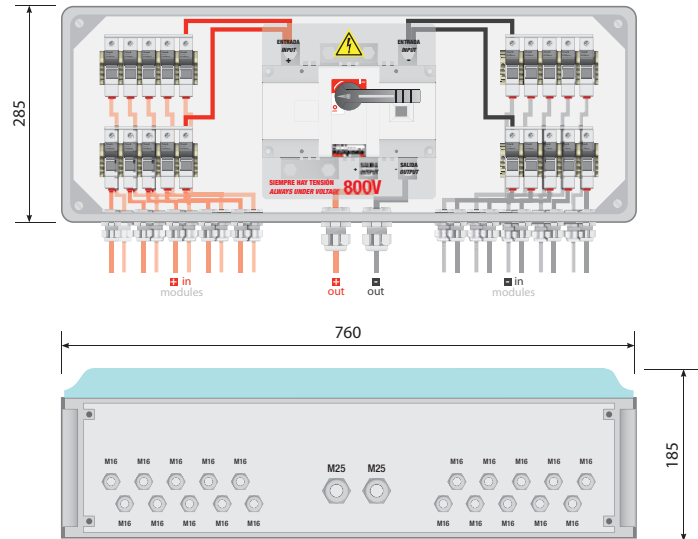
- Enclosures highly resistant to hard weather and environment conditions. Enclosures on GRP material.
- Easy installation and highly accesible on maintenance works.
- Transparent cover for inspection purposes. PC material.
- Load break switches. Voltages up to 800V.
- Overvoltage protection Class II 1000VDC
- Fuse protection against overloads.



10 strings boxes



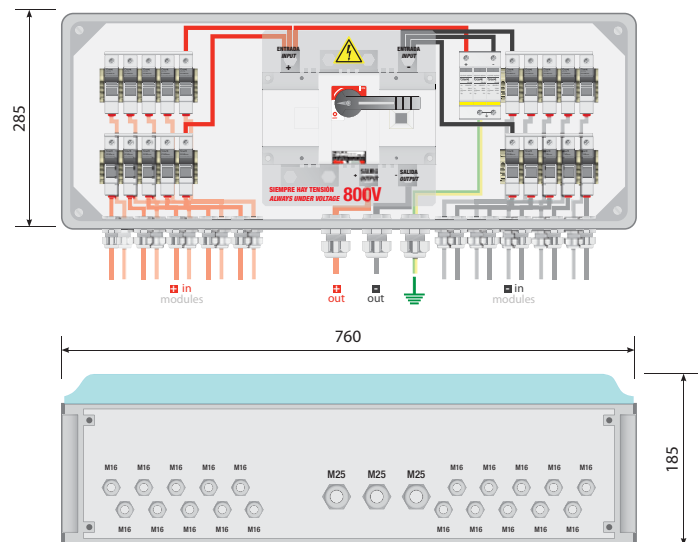
Dimensions



Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST106080	10	600	80 A	No	IP55	GRP/PC



Dimensions

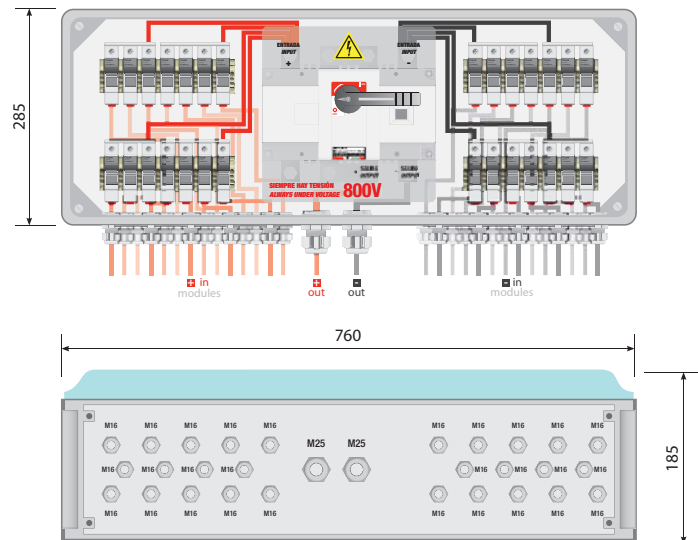


Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST106080P	10	600	80 A	PST31PV	IP55	GRP/PC

14 strings boxes



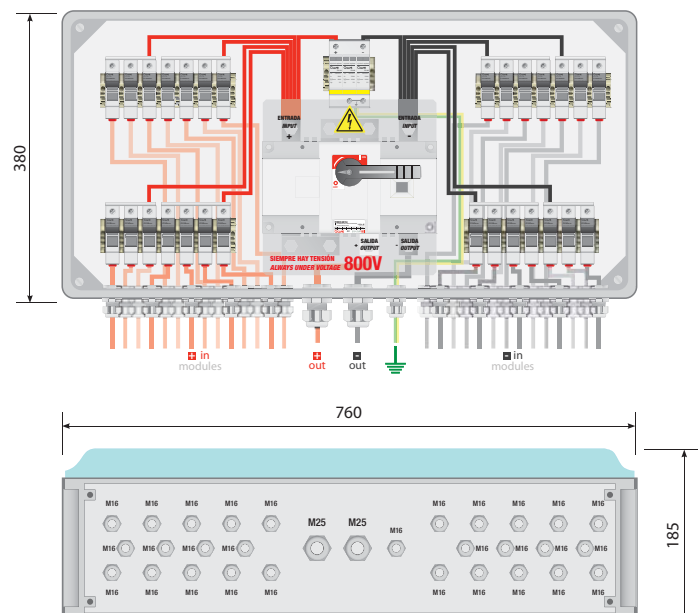
Dimensions



Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST148012	14	800	125 A	No	IP55	GRP/PC



Dimensions



Reference	Strings	V	Isc	Overvoltage protection	Protection degree	Material (housing/cover)
ST148012P	14	800	125 A	PST31PV	IP55	GRP/PC

Customised equipment

Contact data

Contact person _____

Telephone _____

Company _____

Fax _____

Street _____

E-mail _____

Postcode/Town _____ Country _____

Web _____

Product characteristics

Quantity _____

MC connectors

PV current (Isc): 15A 20A 25A

Overvoltage protectors

40A 50A

Class II

80A 125A

Class I

N° strings _____

Fuse protection

Maximum voltage 500V 600V

Comments: _____

800V 900V

Exterior handle operation on isolator:

Yes No

for string monitoring, please contact with technical department.

**Contact our technical
department on
customised solutions**

info@solartec.gawe.com

