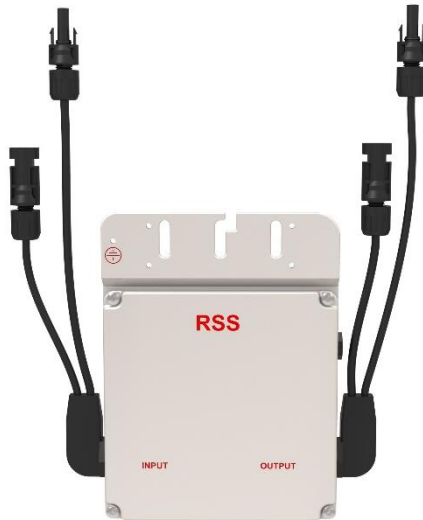


Smart Rapid Shutdown System (Smart RSS)

Features:

- With PLC, no additional wire needed for control
- Comply with NEC2020 Article 690.12 *
- String level rapid shutdown
- Type 4 protection
- Support rack mount or solar module mount
- Support series connection up to 2 sub strings
- With high voltage DC relay, high reliability

INPUT RATINGS

Model Name	Smart RSS
Delta part number	GPI00010105
Maximum system voltage	600 Vdc
Rated input operating voltage	50 Vdc to 550 Vdc
Startup voltage	80V
Number of input circuit	1
Maximum current on controlled conductor	25 A dc @70°C, 18.7 A dc @80°C
Rated input current	20 A dc @70°C, 15 A dc @80°C

OUTPUT RATINGS

Rated output current	20 A dc @70°C, 15 A dc @80°C
Control signal method	PLC signal

GENERAL DATA

Dimensions (W x H x D)	6.0 x 7.9 x 2.1 in (152 x 201 x 53 mm)
Weight	3.77 lbs (1.708 kg)
Cooling	Natural convection
DC input/output connectors	MC4 and H4
Enclosure material	Die cast aluminum
Operating temperature	-40 °F to 176 °F (-40 °C to 80 °C)
Humidity	0% to 95%
Maximum operating altitude	9,843 ft (3,000 m) above sea level

STANDARD COMPLIANCE

Enclosure protection rating	Type 4
Safety	UL 1741, CSA C22.2 No. 330-17
Rapid shutdown	NEC2020 Article 690.12 *
EMC	FCC Part 15 Class B

* Installed with a listed or field labeled PV hazard control system.

Please visit: <http://www.delta-americas.com/>

