



JV WITH KONKA  
CHINESE STATE OWNED COMPANY

# 1 to 2 Rapid Shutdown Device & Data Gateway SUNGO RSDi-2 & SUNGO GT

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The SUNGO RSDi-2 is a rapid shutdown with data monitoring, matching the data gateway GT or GTC, with a module-level rapid shutdown function that monitors the operating parameters of the PV modules and reports the operating status of the PV modules.

## Features

### Safety

AC power failure, rapid shutdown of PV outputs

### Intelligent Management

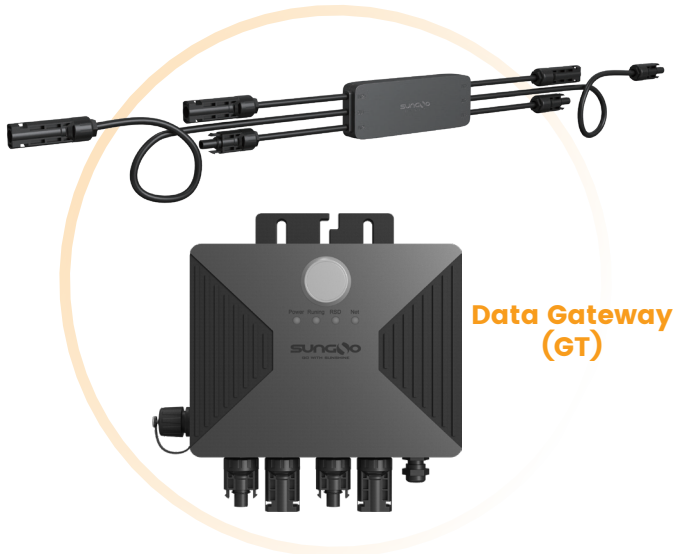
Module-level data intelligent monitoring, one App to manage the PV power plant

### Flexible use

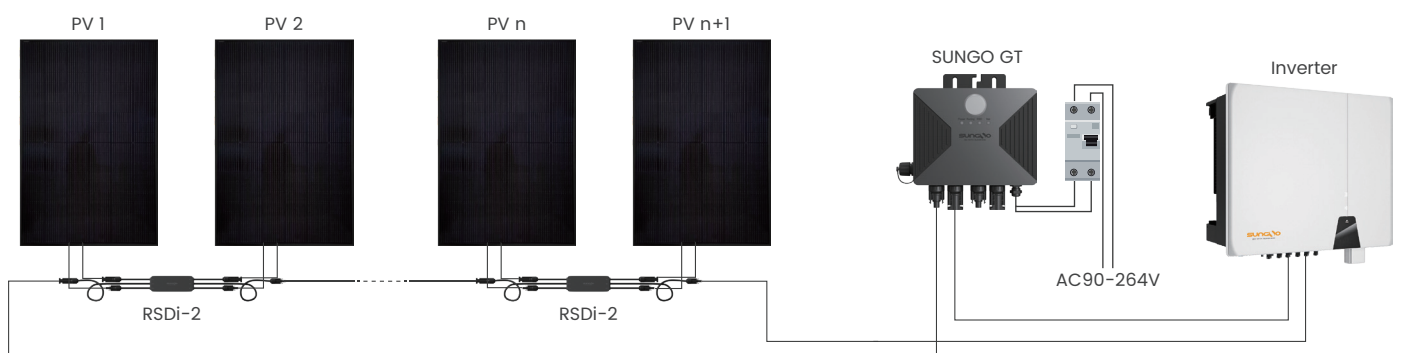
Two channels of DC input

### Quality Warranty

12-year standard warranty, high stability, service life over 25 years



Data Gateway (GT)



Connection Diagram

## Rapid Shutdown Devices Technical Parameters

Model	SUNGO RSDi-2
<b>Dc Input</b>	
Input voltage range	12-80V (Per channel)
Maximum continuous input current	21A (Per channel)
Maximum input short-circuit current	23A (Per channel)
<b>Dc Output</b>	
Output voltage range	20-160V
Maximum continuous output current	21A (Per channel)
Maximum system voltage	1000V/1500V
<b>Rapid Shutdown</b>	
Shutdown time	<15s
Shutdown indicator voltage*	Only PV1 is connected, it is 1V; PV1 and PV2 are connected, it is 2V; only PV2 is connected, no voltage
<b>Specification</b>	
Operating temperature range	-40~70°C
Dimensions(W*D*H)	147*19.5*51mm
Input/output cable length	Input 200mm/Output 2200mm(Can be customized according to customer requirements)
Cable specifications	TUV:4mm <sup>2</sup> /UL:12AWG
DC connectors	MC4
Enclosure protection class	NEMA Type 6P / IP68
<b>Communication</b>	
Communication method	PLC
Communications parameter	PV Voltage,Output Voltage,Output Current,Output Power,Temperature,State
<b>Complies With Safety Regulations</b>	
Safety	NEC 2017&2020 (690.12); UL1741; CSA C22.2 No. 330-17; IEC/EN62109-1

## Data Gateway Technical Parameters

Model	SUNGO GT
Match with	SUNGO iOPT 800W/SUNGO RSDi-2
<b>AC Input Parameters</b>	
AC input voltage range	90~264V
AC Input frequency	50/60Hz
Maximum AC input power	5W
Maximum AC input current	0.1A@90Vac
<b>PV Input Parameters</b>	
Terminals	MC4(Compatible)
Maximum system voltage	1500V
Nos of input strings	2
Max current of each string	21A
Max Module Nos per string	30
<b>Communication Method</b>	
Communication with optimizer	PLC
Communication with upper machine	2.4GHz Wi-Fi / RS485
<b>Rapid Shutdown</b>	
Initial state	Operate
Switch-on	Press the button once until the Running light is on
Switch-on time	<5s
Shutdown	1. Press the button once until the RSD indicator lights up 2. Controller AC power off, all indicator lights off
Shutdown time	<30s
<b>Standards</b>	
Electromagnetic compatibility (EMC)	IEC61000-6-1 IEC61000-6-2 IEC61000-6-3
Safety	IEC62109-1
RoHS	Yes
<b>Installation Specification</b>	
Dimension (W*D*H)	140*33.5*175mm
Weight	0.88kg
AC input cable length	1m
Protection level	IP67
Working temperature range	-40~+70°C
Cooling	Natural cooling
Form of installation	Wall hanging/holding, screw locking
Certification	CE
Packaging	5pcs/CTN 40pcs/pallets

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