

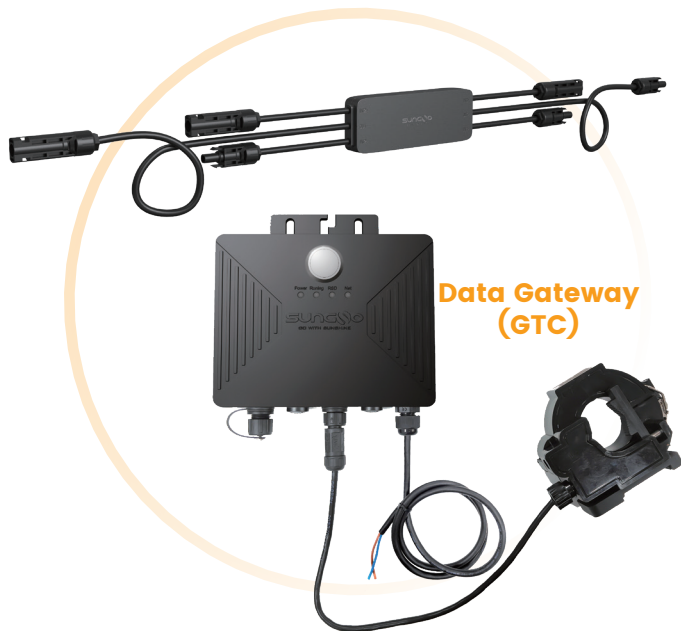


JV WITH KONKA
CHINESE STATE OWNED COMPANY

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

www.sungoess.com
E-mail: sales@sungoess.com

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.



Data Gateway (GTC)

Features

Safety

AC power failure, rapid shutdown of PV outputs

Intelligent Management

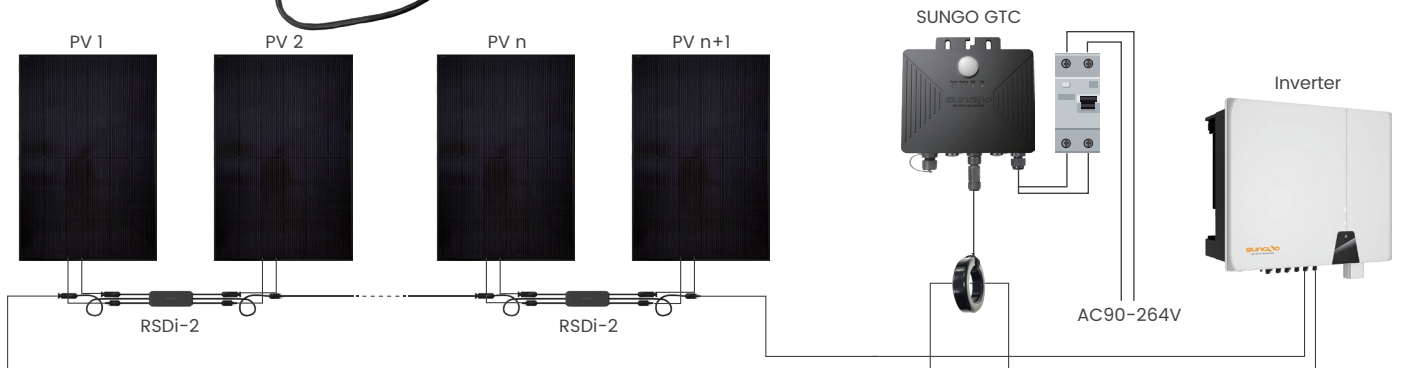
Module-level data intelligent monitoring, one App to manage the PV power plant

Flexible use

Two channels of DC input

Quality Warranty

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



Connection Diagram

Rapid Shutdown Devices Technical Parameters

Model	SUNGO RSDi-2
Dc Input	
Input voltage range	12-80V (Per channel)
Maximum continuous input current	21A (Per channel)
Maximum input short-circuit current	23A (Per channel)
Dc Output	
Output voltage range	20-160V
Maximum continuous output current	21A (Per channel)
Maximum system voltage	1000V/1500V
Rapid Shutdown	
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
Specification	
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 ² /UL:12AWG
DC connectors	MC4
Enclosure protection class	NEMA Type 6P / IP68
Communication	
Communication method	PLC
Communications parameter	PV Voltage,Output Voltage,Output Current,Output Power,Temperature,State
Complies With Safety Regulations	
Safety	NEC 2017&2020 (690.12); UL1741; CSA C22.2 No. 330-17; IEC/EN62109-1

Data Gateway Technical Parameters

Model	SUNGO GTC
Match with	SUNGO iOPT 800W / SUNGO RSDi-2
AC Input Parameters	
AC input voltage range	90-264V
AC Input frequency	50/60Hz
Maximum AC input power	5W
Maximum AC input current	0.1A@90Vac
PV Input Parameters	
Terminals	MC4(Compatible)
Maximum system voltage	1500V
Nos of input strings	5
Maximum number of iOPT	100
Maximum number of RSDi-2	50
Communication Method	
Communication with optimizer	PLC
Communication with upper machine	2.4GHz Wi-Fi / RS485
Rapid Shutdown	
Initial state	Operate
Switch-on	Press the button once until the Running indicator lights up
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
Standards	
Electromagnetic compatibility (EMC)	IEC61000-6-1 IEC61000-6-2 IEC61000-6-3
Safety	IEC62109-1
RoHs	Yes
Installation Specification	
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	8pcs/CTN, 6ctn/layer, total 8 layers, 384pcs/pallet