




# 1 to 2 Rapid Shutdown Devices SUNGO RSD-2

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



## Features

-  Meets the requirements of NEC 2017&2020 (690.12) standards
-  AC Pull Gates, Rapid shutdown of PV module output
-  Two channels of DC input

SUNGO RSD-2 is a 1 to 2 PV rapid shutdown, which maintains normal power-on operation by continuously receiving heartbeat frames sent from SUNGO SD. When the SUNGO SD signal disappears, SUNGO RSD-2 performs a rapid shutdown operation, and the user can turn off the power to the SUNGO SD to realize rapid shutdown of the system, which complies with the NEC 2017&2020 (690.12) specification.

Model	SUNGO RSD-2
<b>DC input</b>	
Input voltage range	10-80V (Per channel)
Max. Continuous input current	21A (Per channel)
Max. Input short circuit current	23A (Per channel)
<b>DC output</b>	
Output voltage range	20-160V
Max. Continuous output current	21A (Per channel)
Max. System voltage	1000V/1500V
<b>Rapid shutdown</b>	
Shutdown time	<15s
Shutdown indication voltage*	1V
<b>Communication method</b>	
	PLC
<b>Specification</b>	
Operating temperature range	-40~70°C
Dimensions (Without cables, connectors and mounting clips)	147*51*19.5mm
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
Shell protection grade	NEMA Type 6P / IP68
<b>Complies with safety regulations</b>	
Safety regulations	NEC 2017&2020 (690.12); ULI741; CSA C22.2 No. 330-17; IEC/EN62109-1

\*The no-load test is greater than 1V, and needs to be tested with a load of 10mA (load of 100Ω) to be 1V.

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