

# 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); UL1741; CSA C22.2 No. 330-17; IEC/EN62109-1

Model	SUNGO SD
Input voltage	12VDC
Input current	0.8A
Max. Mppt string voltage	1500VDC
Max. number of series connections	30 modules
Operating temperature	-40~70°C
Safety regulation	NEC 2017&2020 (690.12); UL1741; CSA C22.2 No. 330-17
Magnetic ring inner diameter ID	35.6mm
Number of strings inserted per ring*	5
Max. number of strings to be inserted*	10
String route length	≤300m