



RSD-S-PLC

- Meets NEC 2017 (690.12) requirements
- Executes rapid shutdown of system when Transmitter signal is absent
- Meets SunSpec requirements

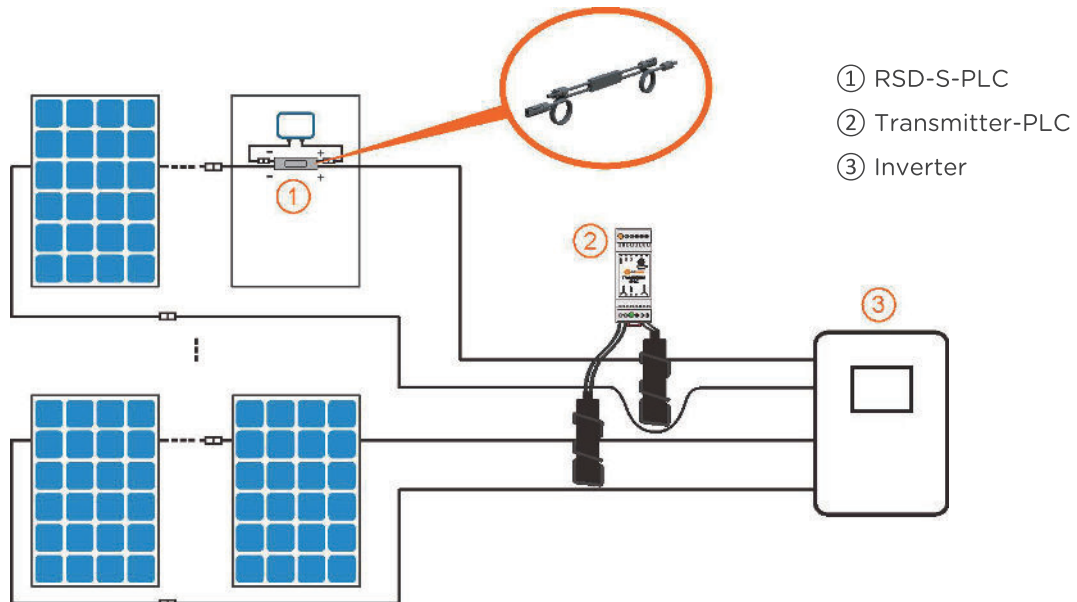
RSD-S-PLC Technical Data

Model	RSD-S-PLC
Input Data (DC)	
Input operating Voltage Range	8-80V
Maximum Cont. Input Current (Imax)	15A
Maximum Input Power	800W
Output Data (DC)	
Output operating Voltage Range	8-80V
Output Power Range	0-800W
Maximum System Voltage	1000V/1500V
Mechanical Data	
Operating Ambient Temperature Range	-40°C to +85°C (-40°F to +185°F)
Dimensions (Without Cable & Connectors)	5"x1.2"x0.6" (129mm x 30mm x 16mm)
Cable length	Input 250mm/Output 1200mm or Customize
Module Connector	MC4 Compatible or Customize
Enclosure Rating	Type 6P / IP68
Overtemperature protection	Yes
Features & Compliance	
Communication	PLC
Safety Compliance	NEC 2017 (690.12); UL1741; CSA C22.2 No.330-17; IEC/EN62109-1; 2PFG2305
EMC Compliance	FCC Part15; ICES-003; IEC/EN62109-1/-2/-3/-4

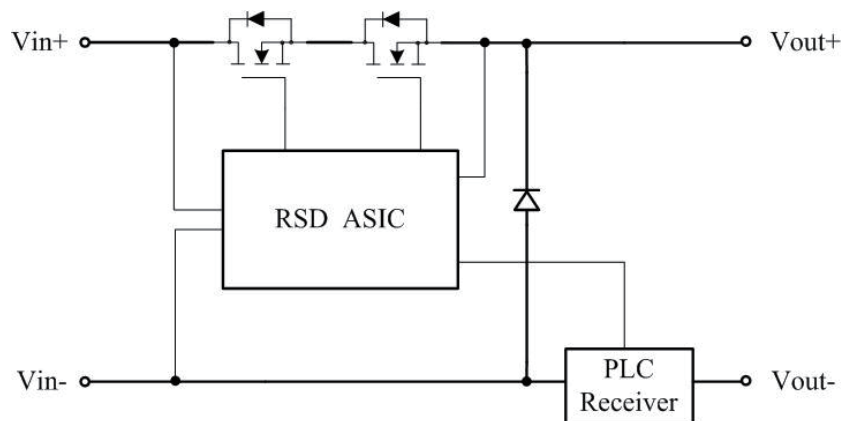


RSD-S-PLC meets SunSpec requirements, maintaining normal function by continually receiving a heart-beat signal from the APsmart Transmitter. The RSD executes rapid system shutdown when Transmitter signal is absent. Users can manually execute rapid shutdown using Transmitter breaker switch.

RSD-S-PLC Wiring Diagram



Working Schematic Diagram



ORDERING INFORMATION

405001	1000V UL/TUV, 1.2m cable, MC4 compatible, Mounting brackets
405002	1000V UL/TUV, 1.2m cable, MC4, Mounting brackets
405003	1500V UL/TUV, 1.2m cable, MC4-Evo2, Mounting brackets



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