

SR20D - M

Rapid Shutdown

NEW



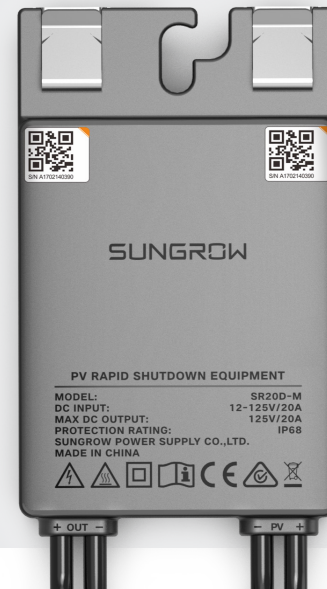
SAFE AND RELIABLE

- 20s Rapid shutdown, 10s pre-protection preventing risk
- Patented FHC bypass technology, decrease loss, avoid overheating
- 350m bi-directional PLC communication, flexible in various scenarios



EASY TO INSTALL

- 20A high current, compatible with diversified PV pannels
- Quick-plug installation, saving installation time
- No dismantling of PV module for maintenance, lower O&M costs



Type designation	SR20D-M
Electrical	
Input channels / Number of PV Modules	1 / 2
Input voltage range per channel	12 V - 125 V
Output voltage range	12 V - 125 V
Max.PV input current per channel	20 A
Max.DC short-circuit current per channel (I _{sc})	30 A
Maximum system voltage	1100 V
Shutdown output voltage	1 V
Power consumption	< 1 W
Mechanical	
Input / Output connector	Stäubli MC4 / MC4 compatible
Mouting method	push-in or bolt installation
PV input wire length	1.4 m (+ / -)
Output wire length	0.2 m (+) / 2.95 m (-)
Dimensions (W * H * D)	86 mm * 143 mm * 27 mm
Environmental & Protection	
Operating ambient temperature range	-40 °C – 85 °C
Allowable relative humidity range (non-condensing)	0 % – 100 %
Degree of protection	IP68
Communication	PLC (≤ 350 m)
Compliance	
Safety	IEC/EN62109-1, IEC/EN61000-6-1/-2/-3/-4
Compatibility	
Compatible products	SG25 / 30 / 33 / 36 / 40 / 50CX-P2 SG125CX-P2

