

## SR20D-M

# Rapid Shutdown



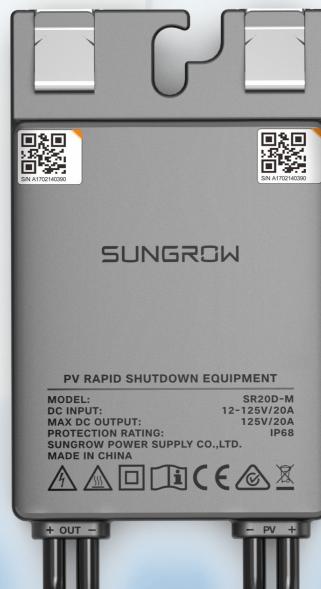
### SAFE AND RELIABLE

- Rapid shutdown function within 30 seconds with SR200T-BX
- Patented FHC bypass technology, decrease loss, avoid overheating
- 450m One-Way PLC communication, flexible in various scenarios



### EASY TO INSTALL

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



Type designation	SR20D-M
<b>Electrical</b>	
Input channels / Number of PV Modules	1 / 2
Input voltage range per channel	12 - 125 V
Output voltage range	12 - 125 V
Max.PV input current per channel	20 A
Max.DC short-circuit current per channel ( Isc )	30 A
Maximum system voltage	1100 V
Shutdown output voltage	1 V
Power consumption	< 1 W
<b>Mechanical</b>	
Input / Output connector	Stäubli MC4 / MC4 compatible ( Optional )
Mouting method	Snap-fit 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
<b>Environmental &amp; Protection</b>	
Operating ambient temperature range	-40 °C – 85 °C
Allowable relative humidity range ( non-condensing )	0 % – 100 %
Degree of protection	IP68
Communication	PLC ( ≤ 450 m )
<b>Compliance</b>	
Safety	IEC/EN 62109-1, IEC/EN 61000-6-1/-2/-3/-4

