

# PVS-8/12/16M

**SUNGROW**  
Clean power for all

PV combiner box for 1000 Vdc system



## EFFICIENT AND SAFE

- 1000V-Specific PV fuse, both positive and negative terminal
- PV specific SPD with failure alarm



## FLEXIBLE

- Max. string current up to 13 A, compatible with bifacial module
- PG Gland / MC4 terminal connector
- Compatible with Al and Cu AC cables
- Self-powered power supply



## QUALIFIED

- String current and bus voltage monitoring, timely detection of string anomalies
- Built-in monitoring module, real-time monitoring circuit breaker and SPD status
- Modular design, easy and quick maintenance
- IEC 62109-1, IEC 61439-1, IEC 61439-2



Type designation	PVS-8M	PVS-12M	PVS-16M
<b>Parameters</b>			
Max. PV string voltage		1000V	
Max. PV string parallel inputs	8	12	16
Rated fuse current for each string (replaceable)		15 A / 20 A	
Max. PV string input current		13 A	
Breaker	125 A	160 A	200 A
SPD		1000 Vdc Type II	
Input terminal type		PG Gland / MC4 terminal	
Output terminal type		70 – 95 mm <sup>2</sup>	
Protection class		IP65	
Environment temperature		-40 °C to 60 °C	
Environment humidity		0 – 95%	
Dimensions (W*H*D)		650 * 460 * 165mm	
Weight	25 kg	26 kg	27 kg
Material		Steel	
<b>Standard Accessories</b>			
DC main output breaker		Yes	
PV specific application SPD		Yes	
PV SPD failure monitoring		Yes	
PV self power supply for internal loads		Yes	
RS485 communication port		Yes	
String current and bus voltage monitoring		Yes	
<b>Optional Accessories</b>			
Negative grounding		Optional	
Switch state		Optional	

