

PVS-16/20/24MH

PV combiner box for 1500 Vdc system



EFFICIENT AND SAFE

- 1500V-Specific PV fuse, both positive and negative terminal
- 1500V-Specific PV SPD with fault alarm
- String current and voltage monitoring
- Main load switch state monitoring



FLEXIBLE

- Optional IP67 protection, meeting the outdoor installation and usage requirements
- Self-powered power supply with lightning protection
- Output cable cross section area 120 – 400 mm² (max. 400 mm² Al cable)
- PG Gland / MC4 terminal connector



QUALIFIED

- CE
- Highly optimize the system wiring
- Modular design, easy and quick maintenance



Type designation	PVS-16MH	PVS-20MH	PVS-24MH
Parameters			
Max. PV string voltage		1500 V	
Max. PV string parallel inputs	16	20	24
Rated fuse current for each string (replaceable)	20 A / 25 A / 30 A / 32 A / 35 A	20 A / 25 A / 30 A / 32 A / 35 A	20 A / 25 A
Rated current for switch disconnecter	400 A	400 A (Optional: 500 A)	400 A
SPD		1500 Vdc Type II (optional: Type I+II)	
Input terminal type		PG Gland / MC4 terminal	
Output terminal type		120 – 400 mm ²	
Protection class		IP65 / IP67 (optional)	
Environment temperature		-40 to 60 °C	
Environment humidity		0 – 95%	
Dimensions (W*H*D)		950*730*275 mm	
Weight	40 kg	42 kg	44 kg
Switch disconnecter handle		Internal handle	
Material		SMC	
Standard Accessories			
Positive fuse		Yes	
DC output load switch		Yes	
PV specific application SPD		Yes	
Optional Accessories			
Negative fuse		Optional	
String current and bus voltage monitoring		Optional	
RS485 communication port		Optional	
PV SPD failure monitoring		Optional	
Monitoring for load switch state		Optional	
Operator access areas IP2X		Optional	

