

# 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 (optional)

## FLEXIBLE

- IP67 protection, meet the outdoor installation and usage requirements
- Self-powered power supply with lightning protection
- Output cable sectional area 120 – 400 mm<sup>2</sup> (max. 400 mm<sup>2</sup> 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
<b>Parameters</b>			
Max. PV string voltage		1500 V	
Max. PV string parallel inputs	16	20	24
Rated fuse current for each string		15 A / 20 A	
Switch disconnecter		400 A	
SPD		1500 Vdc Type II (optional: Type I+II)	
Input terminal type		PG Gland / MC4 terminal	
Output terminal type		120 – 400 mm <sup>2</sup>	
Protection class		IP67	
Environment temperature		-40 °C to 60 °C	
Environment humidity		0 – 95%	
Dimensions (W * H * D)		950 * 730 * 275 mm	
Weight	40 kg	42 kg	44 kg
Switch-disconnector handle		Internal handle	
Material		SMC	
<b>Standard Accessories</b>			
DC output load switch		Yes	
PV specific application SPD		Yes	
<b>Optional Accessories</b>			
String current and bus voltage monitoring		Optional	
RS485 communication port		Optional	
PV SPD failure monitoring		Optional	
Monitoring for load switch state		Optional	
IP2X protection		Optional	

