

# PVS-16/20/24MH-AU

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

- IP65 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)
- MC4 terminal connector



## QUALIFIED

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



Type designation	PVS-16MH-AU	PVS-20MH-AU	PVS-24MH-AU
<b>Parameters</b>			
Max. PV string voltage		1500 V	
Max. PV string parallel inputs	16	20	24
Max. string input current	21 A	18.5 A	15.5 A
Max. output current	336 A	370 A	372 A
SPD		1500 Vdc Type II	
Input terminal type		MC4 terminal	
Output terminal type		120 – 400 mm <sup>2</sup>	
Protection class		IP65	
Environment temperature		-35 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		External handle	
Material		SMC Plastic	
<b>Standard Accessories</b>			
DC output load switch		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	
Monitoring for load switch state		Optional	