

PVS-16MH/18MH/ 20MH/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

- 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-18MH	PVS-20MH	PVS-24MH
Parameters				
Max. PV string voltage	1500 V			
Max. PV string parallel inputs	16	18	20	24
Max. string input current	21A	20A	18.5A	15.5A
Max. output current	336A	360A	370A	372A
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	-35 to 60 °C			
Environment humidity	0 – 95%			
Dimensions (W*H*D)	950*730*275 mm			
Weight	40 kg	40 kg	42 kg	44 kg
Switch disconnect handle	Internal handle			
Material	SMC			
Standard Accessories				
DC output load switch	Yes			
PV specific application SPD	Yes			
Optional Accessories				
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			
Parallel arc fault circuit interrupter	Optional			
Wireless communication	Optional			

