

PVS-16/18/20/24MH

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)



QUALIFIED

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



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



| Type designation | PVS-16MH | PVS-18MH | PVS-20MH | PVS-24MH |
|---|--|----------|----------|----------|
| Parameters | | | | |
| Max. PV string voltage | 1500V | | | |
| Max. PV string parallel inputs | 16 | 18 | 20 | 24 |
| Max. string input current | 21 A | 20 A | 18.5 A | 15.5 A |
| Max. output current | 336 A | 360 A | 370 A | 372 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 | -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 | | | |