

PVS-16MH/18MH/20MH/24MH PV combiner box for 1500 Vdc system



SAFE AND RELIABLE

- DC side security protection
- IP67 protection and C5 anti-corrosion, meet the outdoor installation and use
- PV cable special connector to prevent polarity reverse connection
- Optional MPLC communication, stable and reliable



FLEXIBLE

- The input current of the branch is increased to 21A, compatible with double-sided components
- Optional 16/18/20/24 input, flexible design



MAINTENANCE

- Intelligent fault diagnosis of components saves operation and maintenance costs
- One-click trip, Implement the command to disconnect the switch



| 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 | 21 A | 21 A | 18 A | 16 A |
| Max. output current | 336 A | 378 A | 360 A | 384 A |
| SPD | 1500 Vdc Type II (optional: Type I+II) | | | |
| Input terminal type | Special connector for PV cable | | | |
| Output terminal type | 120 mm ² – 400 mm ² | | | |
| Protection class | IP67 | | | |
| Environment temperature | -40 °C to 60 °C | | | |
| Environment humidity | 0 % – 95 % | | | |
| Dimensions (W * H * D) | 950 mm * 730 mm * 275 mm | | | |
| Weight | 46 kg | 46.5 kg | 47 kg | 48 kg |
| Switch disconnect handle | Internal handle | | | |
| Material | SMC | | | |
| Standard accessories | | | | |
| DC output load switch | Yes | | | |
| PV specific application SPD | Yes | | | |
| DC arc detection | Yes (Only used with Sungrow 1 + X inverter) | | | |
| IV diagnosis | Yes (Only used with Sungrow 1 + X inverter) | | | |
| String current and bus voltage monitoring | Yes | | | |
| RS485 communication port | Yes | | | |
| PV SPD failure monitoring | Yes | | | |
| Monitoring for load switch state | Yes | | | |
| Operator access areas IP2X | Yes | | | |
| Special connector for PV cable(Evo2) | Yes | | | |
| One-click trip | Yes | | | |
| Optional accessories | | | | |
| MPLC Communication | Optional (Only used with Sungrow 1 + X inverter, Single-core cable 1 Meter 1 tie) | | | |