

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
Paramerters				
Max. PV string voltage	1500 V			
Max. PV string parallel inputs	16	18	20	24
Max. string input current	21 A	21 A	16 A	16 A
Max. output current	336 A	378 A	320 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	-35 °C - 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 disconnecter 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)			