

PVS-8/12/16MH-DB

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
- Specialized 2 in 1 fuse with favorable heat dissipation performance and compact size
- 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 mm² (max. 400 mm² Al cable)
- MC4 connector

RELIABLE

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

Type designation	PVS-8MH-DB	PVS-12MH-DB	PVS-16MH-DB
Parameters			
Max. PV string voltage		1500 V	
Max. PV string parallel inputs	8 * 2	12 * 2	16 * 2
Rated fuse current for each string (replaceable)		30 A	
Switch disconnecter	250 A	400 A	400 A
SPD		Type II	
Input terminal type		6 mm ² (MC4)	
Output terminal type	120 – 300 mm ²	120 – 300 mm ²	120 – 400 mm ²
Protection class		IP65	
Environment temperature		-40 °C to 60 °C	
Environment humidity		0 – 95 %	
Dimensions (W*H*D)	730*580*260 mm	730*580*260 mm	930*730*260 mm
Weight	28 kg	30 kg	40 kg
Material		SMC Plastic	
Standard Accessories			
DC main output load switch		Yes	
PV specific application SPD		Yes	
PV SPD failure monitoring		Yes	
PV self power supply for internal loads		Yes	
Communication port		Yes	
Current and voltage monitoring for each string		Yes	
Optional Accessories			
Negative grounding		Optional	
Monitoring for load switch state		Optional	

