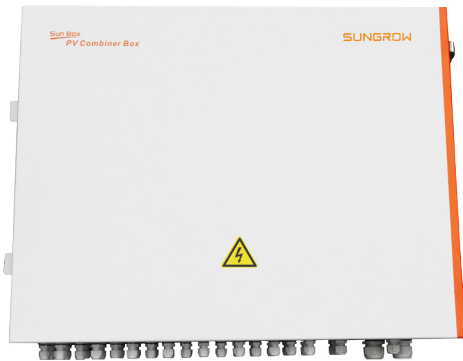


SUNBOX PVS-24M-HV

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
- 1500V-Specific combiner busbar protection
- String current and voltage monitoring
- Load breaker switch state monitoring (optional)



Flexible

- IP65 protection
- Self supplied power with SPD
- Output copper cores diameter can be 120 mm² (Al max. 300 mm²)



Reliable

- Highly optimize the system wiring
- Modular design for easy and quick maintenance
- CE, UL 1741

Parameters

Max. PV string voltage	1500 V
Max. PV string parallel inputs	24
Rated fuse current for each string (replaceable)	11 A
Input terminal type	4 – 6 mm ²
Output terminal type	120 mm ²
Protection class	IP65
Environment temperature	-30 °C to 60 °C -22 °F to 140 °F
Environment humidity	0 – 95 %
Dimensions (W*H*D)	950*253*690 mm 37.4"*10.0"*27.2"
Weight	55 kg 121.3 lb

PVS-24M-HV

Max. PV string voltage	1500 V
Max. PV string parallel inputs	24
Rated fuse current for each string (replaceable)	11 A
Input terminal type	4 – 6 mm ²
Output terminal type	120 mm ²
Protection class	IP65
Environment temperature	-30 °C to 60 °C -22 °F to 140 °F
Environment humidity	0 – 95 %
Dimensions (W*H*D)	950*253*690 mm 37.4"*10.0"*27.2"
Weight	55 kg 121.3 lb

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

Monitoring for load break switch state

