

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 switch state monitoring (optional)



Flexible

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



Reliable

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

Parameters

Max. PV string voltage
 Max. PV string parallel inputs
 Rated fuse current for each string (replaceable)
 Input terminal type
 Output terminal type
 Protection class
 Environment temperature
 Environment humidity
 Dimensions (W*H*D)
 Weight

PVS-24M-HV

1500 V
 24
 11 A
 4 – 6 mm²
 120 mm²
 IP65
 -30 °C to 60 °C -22 °F to 140 °F
 0 – 99%
 950*253*690 mm 37.4"*10.0"*27.2"
 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 switch state

