

SUNBOX™ PVS-16M-DB

PV combiner box for 1000Vdc system



Flexible

- IP65 protection
- Self supplied power with SPD
- Output cable diameter range 120 - 400 mm² (max. 400 mm² Al cable)



Efficient and Safe

- PV specific application fuses, both positive and negative polarity
- PV specific application SPD with failure alarm function
- PV string current and voltage abnormal alarm
- Specific application combiner busbar parts with shield
- Main load switch state monitoring (need optional accessory)



Reliable

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



Parameters	PVS-16M-DB
Max. PV string voltage	1000 V
Max. PV string parallel inputs	16
Rated fuse current for each string (replaceable)	30 A
Input terminal type	6 mm ²
Output terminal type	120 – 400 mm ²
Protection class	IP65
Environment temperature	-40 °C to 60 °C -40 °F to 140 °F
Environment humidity	0 – 99 %
Dimensions (W*H*D)	720*680*180 mm 28.3"*26.8"*7.1"
Weight	41 kg 90.4 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	Optional
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