

## Photovoltaic DC Solutions

### YCX8-IFS Solar Combiner Box



#### General

YCX8-IFS photovoltaic combiner box is suitable for the maximum input voltage of the inverter DC1000V, which is made of PVC engineering materials, and the protection level reaches IP65. With solar DC side overload protection, short circuit protection, surge protection and isolation functions.

#### Features

- IP66;
- 1 input 4 output, 600VDC/1000VDC;
- Lockable in closed position;
- UL 508i certificated,  
Standard: IEC 60947-3 PV2.

#### Technical data

Model	YCX8-IFS 1/1	YCX8-IFS 6/2
Input/Output	1/1	6/2
Maximum voltage	1000VDC	
Maximum output current	32A	
Shell frame		
Material	Polycarbonate/ABS	
Protection degree	IP65	
Impact resistance	IK10	
Dimension(width×height×depth)	219*200*100mm	381*200*100
Configuration (recommended)		
Photovoltaic isolation switch	YCISC-32 2 DC1000	YCISC-32 2 DC1000
Photovoltaic surge protective device	YCS8-II 40PV 3P DC1000	YCS8-II 40PV 3P DC1000
Photovoltaic fuse	YCF8-32HPV DC1000	YCF8-32HPV DC1000
Use environment		
Working temperature	-25°C~+60°C	

#### Wiring diagram

