

Photovoltaic String Combiner Box Sunipod CB7/1, CB8/1, CB9/1, CB10/1, CB11/1, CB12/1

Combiners for off-grid/on-grid solar photovoltaic systems strings from 7 to 12.

HIGHLIGHTS

- Aluminum rainproof type 3R power coated enclosure. Won't rust or degrade due to sun exposure.
- Knock outs that accept waterproof strain reliefs, conduit or panel mount MC type connectors.
- Uses standard DIN rail for mounting fuse holders.
- Uses 600VDC fuses with finger safe fuse holders. Fuses are available from 1 to 30 Amps.
- Uses Best in Class Surge Protection Devices.



Two #12 sheet metal screws* secure the combiner's front cover.

SPECIFICATIONS

		CB-7/1	CB-8/1	CB-9/1	CB-10/1	CB-11/1	CB-12/1
Photovoltaic Source Strings	PV Array DC Voltage Range (V)	600VDC	600VDC	600VDC	600VDC	600VDC	600VDC
	Max. No. of Input Strings	7	8	9	10	11	12
	Max. OCPD Rating Amps Per String	14A	14A	14A	14A	14A	14A
	OCPD Type	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
PV Output Circuits	Wire Range AWG	16	16	16	16	16	16
	Max. No. of Outputs	1	1	1	1	1	1
	Max. Continuous Current Amps	98A	112A	126A	140A	154A	168A
	Wire Range AWG	4	4	2	2	2	2
	Surge Protection Device Rating	Standard					
	Protection Degree	IP65					
	Operating Temperature Range	-25 deg C to 60 deg C					
	Operating Humidity Range	0 to 99%					

APPLICATIONS:

- Diesel Generator Alternative Using Solar Power Plants
- Lower Your Electric Bill Using Solar Power Stations

Specifications included in this datasheet are subject to change without notice. Electric data without guarantee.

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