

# CUF Solar Combiner Box



Commercial Transition Boxes, CUF Series solar, also known as pass through boxes, provide a convenient location for transitioning wires in a commercial array when fusing is not required. The number of circuit input pairs is 4 to 20 with wire size input and output of #24 - #3 AWG. Housed in a fiberglass enclosure offering unparalleled exterior protection against the elements.

## FEATURES

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Housed in a fiberglass enclosure

Oversized busbars

High quality components reduce losses

Improved efficiency for connections

Number of circuit input pair ranges from 4 to 20

Wire sizes (input and output) from #24 to #3 AWG

Max Operating Temperature: 50°C (122°F)

SPECIFICATIONS

**Material:** Fiberglass  
**Color:** Light Gray  
**Color Code:** RAL 7035  
**Finish:** Smooth Matte

Table 1/1						
Catalog Number	Article Number	Height	Width	Depth	Thickness	Voltage DC
CUF04-1000V	CUF04-1000V	11.32in	9.32in	5.43in	0.13in	1000V
CUF05-1000V	CUF05-1000V	11.32in	9.32in	5.43in	0.13in	1000V
CUF06-1000V	CUF06-1000V	13.32in	11.32in	5.6in	0.13in	1000V
CUF07-1000V	CUF07-1000V	15.32in	13.32in	6.6in	0.13in	1000V
CUF08-1000V	CUF08-1000V	15.32in	13.32in	6.6in	0.13in	1000V
CUF09-1000V	CUF09-1000V	17.32in	15.32in	6.67in	0.13in	1000V
CUF10-1000V	CUF10-1000V	19.32in	17.32in	9.58in	0.13in	1000V
CUF11-1000V	CUF11-1000V	19.32in	17.32in	9.58in	0.13in	1000V
CUF12-1000V	CUF12-1000V	19.32in	17.32in	9.58in	0.13in	1000V
CUF13-1000V	CUF13-1000V	19.32in	17.32in	9.58in	0.13in	1000V
CUF14-1000V	CUF14-1000V	19.32in	17.32in	9.58in	0.13in	1000V
CUF15-1000V	CUF15-1000V	21.32in	17.32in	11.57in	0.13in	1000V
CUF16-1000V	CUF16-1000V	21.32in	17.32in	11.57in	0.13in	1000V
CUF17-1000V	CUF17-1000V	21.32in	17.32in	11.57in	0.13in	1000V
CUF18-1000V	CUF18-1000V	21.32in	17.32in	11.57in	0.13in	1000V
CUF19-1000V	CUF19-1000V	21.32in	17.32in	11.57in	0.13in	1000V

Catalog Number	Article Number	Height	Width	Depth	Thickness	Voltage DC
CUF20-1000V	CUF20-1000V	21.32in	17.32in	11.57in	0.13in	1000V

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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