



# High-Current Combiner Boxes



Shoals' High-Current Combiner Boxes have the same standard features Shoals' Combiners are known for, but also feature built-in protection in the event of abnormally high current. These UL approved combiner boxes can be customized as needed or purchased off-the-shelf, in either metal or fiberglass, with as many fuses as needed for your PV installation.

Technical Data	STG.CBRH.3	STG.CBRH.6	STG.CBRH.12
Voltage Rating (VDC)	600	600	600
Maximum DC Current	90	132	240
Maximum Continuous Current	57.7	115	154
Maximum Voltage (VDC)	600	600	600
Max. Positive Input Wire Size (AWG)	6	6	6
Max. Negative Input Wire Size (AWG)	4	4	4
Output Wire Size (AWG)	14-1/0	14-1/0	6-300MCM
Overall Dimensions	8" x 8" x 4"	8" x 10" x 4"	12" x 10" x 4"
Enclosure Rating	NEMA 4X	NEMA 4X	NEMA 4X
Number of Fuse Poles	3	6	12
Maximum Input Fuse Rating (A)	30	30	20
Operating Temperature (C°)	-40 to 50	-40 to 50	-40 to 50

## Features

- Finger-safe fuse holders
- Reinforced, plated buss bars
- Lockable enclosures
- Built to UL1741
- Non-conductive NEMA 4X enclosure
- 5-year warranty standard on all models

## Accessories

Ridgeline harnesses are available to streamline installations, by reducing wire requirements & specialized labor.



HIGH-CURRENT COMBINER BOX  
PART NUMBER: STG.CBRH.3



HIGH-CURRENT COMBINER BOX  
PART NUMBER: STG.CBRH.6



HIGH-CURRENT COMBINER BOX  
PART NUMBER: STG.CBRH.12