



Commercial Combiner Boxes



Shoals' Commercial Combiner Boxes provide the ideal low cost, high quality solution for commercial PV installations. Available in standard configurations or customizable, the Shoals Commercial Combiner Box can adapt to any configuration's requirements.

Shoals' Commercial Combiner Boxes are built to UL standards, available in both fiberglass and metal, and can be outfitted with as many fuses as needed per your application.



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

Options

- ABB OT200U04 disconnect
- Home run harnesses are available to streamline installation, by reducing wire requirements & specialized labor

Technical Data	STG.CBC.12	STG.CBC.24	STG.CBC.36
Voltage Rating (VDC)	600	600	600
Max. Output DC Current (A)	240	360	360
Max. Input Current Per String (A)	20	15	10
Max. Input Short Circuit Current Per String (A)	12.8	9.6	6.4
Max. Positive Input Wire Size (AWG)	14-6	14-6	14-6
Max. Negative Input Wire Size (AWG)	14-4	14-4	14-4
Output Wire Size (AWG)	6-350	6-350	6-350
Overall Dimensions	16"X20"X8"	24"X30"X10"	30"X36"X8"
Enclosure Rating	NEMA 4X	NEMA 4	NEMA 4
Number of Fuse Poles	12	24	36
Max. Input Fuse Rating (A)	20	15	10
Operating Temperature (C°)	-40 to 50	-40 to 50	-40 to 50



Available with