



**Engineering Specification Sheet**  
**Contactora Control Panel for Solar Contactora Combiner Box**

**GENERAL INFORMATION**

- **Description:** The Solar Disconnect Contactora Control Box (CCB) allows for control of Contactora Combiner boxes up to 1500' away. Optional status indicator LED lights allows for remote notification of DC contactora open or closed status. The CCB provides the ability to remotely shut off the output of the contactora combiner boxes simultaneously with the push of a button.
- **Dimensions:**
  - NEMA4 Metallic (Non indicating Standard): 24.00" x 24.00" x 8.75" **Part number** CCB-XX-XX-X-N4
  - Specify optional NEMA4X Fiberglass or NEMA4X Stainless Steel

**PRODUCT IDENTIFICATION:**

	NUMBER OF CONTACTORS	LED INDICATOR LIGHTS	POWER SUPPLY	ENCLOSURE
CCB	<b>-XX</b>	<b>-XX</b>	<b>-X</b>	<b>-XXX</b>
	6	-NI = No Indication	-1 = 120 VAC Input	-N4 = Metallic
	12		-2 = 240 VAC Input	-4XF = N4X Fiberglass
	18		-4 = 480 VAC Input	-4XS = N4X Stainless Steel
		-I = Indication LED		-N1 = Metallic

**TECHNICAL SPECIFICATIONS and FEATURES**

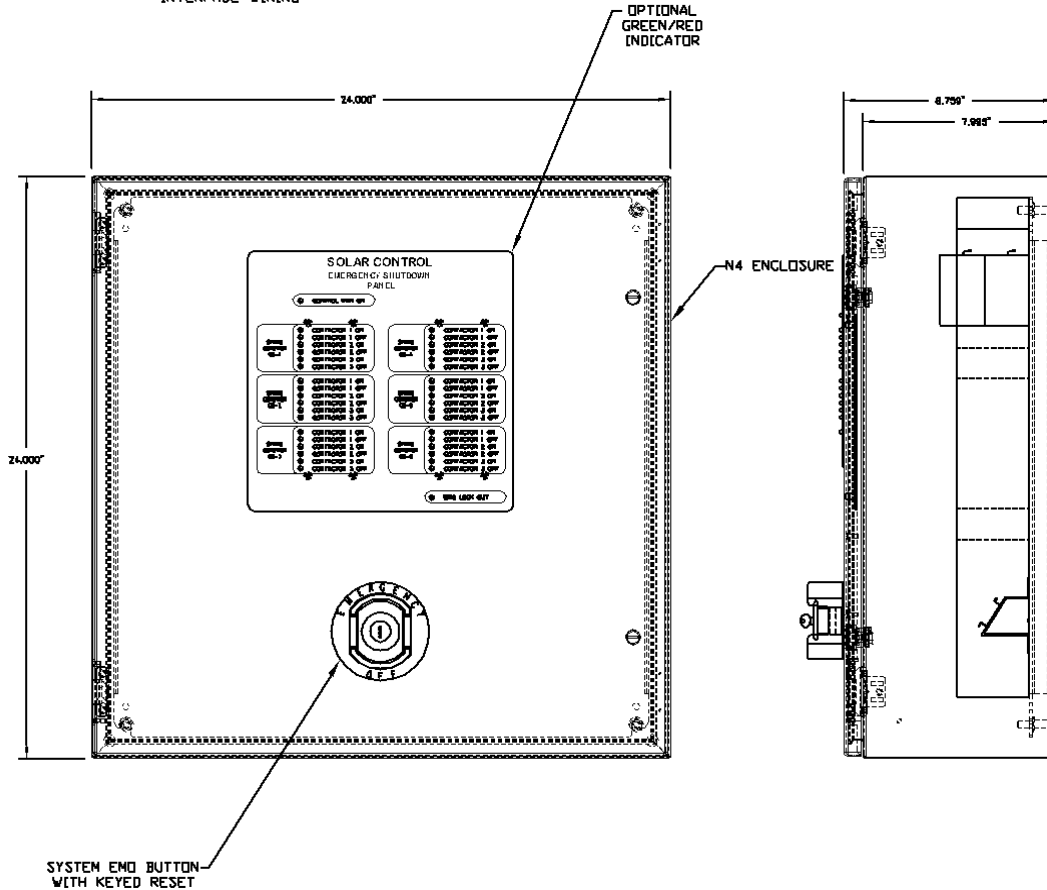
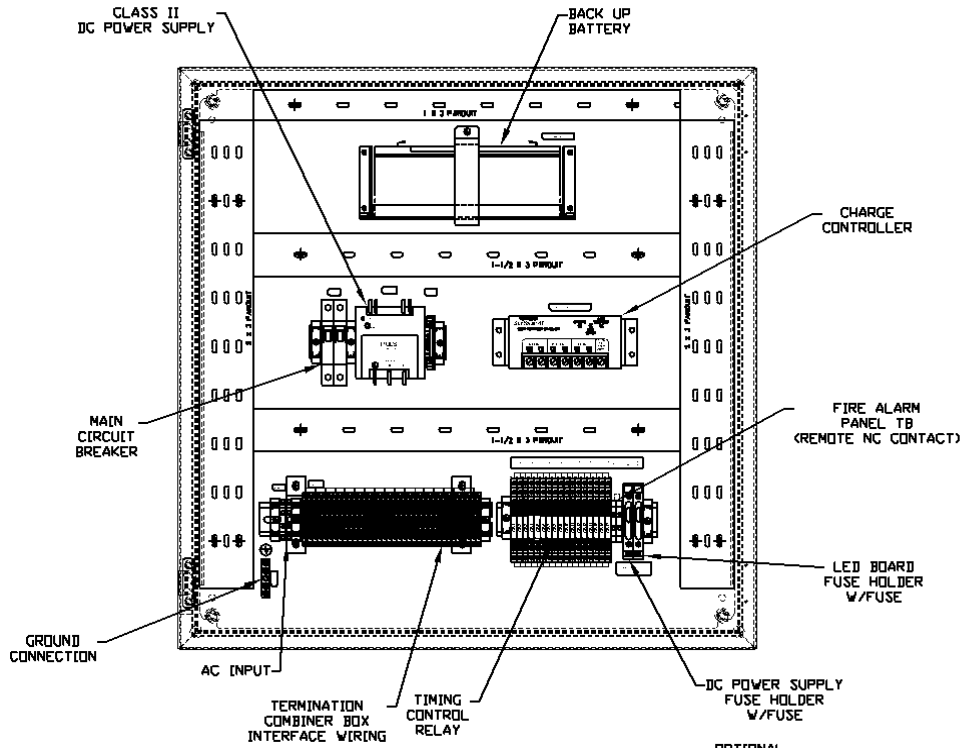
- 7 Hours 12V rechargeable battery backup (coil indication only).
- 10 Amp battery charger.
- 2 Second time delay relays to close DC contactora to prevent overvoltage surge upon power up.
- Operating Temp: -10 to 60 deg. Celsius, 95% RH non-condensing.
- NEMA 4X Key operated Emergency Machine Off Push Button (EMO).
- 24 volt power supply

**OPTIONS**

- Red and Green LED indicator board, NEMA 1 rated.
- Optional Power Supply.
- Optional enclosures. Nema 4X Fiberglass & Nema 4X Stainless Steel Note: Indicating LEDs derate the enclosure to NEMA 1

**APPROVALS**

- Listed to UL508A



Layout shown for standard controller for 36-String Contactor Combiner Box

AMtec Solar  
7079 Commerce Circle, Pleasanton CA 94588

[www.amtecsolar.com](http://www.amtecsolar.com)

510.887.2289