

## 695CE Electrical Specifications:

Output Voltage:	26.4 Nominal (Internally adjustable)
Output Voltage Adjust Range	24.5 VDC to 28.0 VDC (internally adjustable)
Continuous Max Load Amps:	55 ADC @ 40C ambient (Input 12.5 VDC) 40 ADC @ 60C ambient
Maximum Power Dissipation:	90 Watts @ Full Load (55A, 26.4 VDC out)
Maximum Input Current:	125 A (12 VDC in)
Overload Protection:	Electronically current limited (primary protection) Magnetic Circuit Breakers at the Input (secondary protection)
Cooling:	Convection or Forced Air Thermostat Controlled Fan
Output Ripple Voltage:	10 mV RMS (20C to 75C) 50 mV RMS (-30C)
Input Voltage Range:	11 VDC to 15 VDC
Input Output Isolation:	Input and Output returns are Common

### Low Voltage Cutout Circuit:

Low Voltage cutout point:	Adjustable from 10.5 VDC to 13 VDC (internally adjustable through access aperture)
Low Voltage cutout Hysteresis:	0.8 VDC @ 13.0 V / 0.7 VDC @ 10.5 VDC

### Activation Circuits:

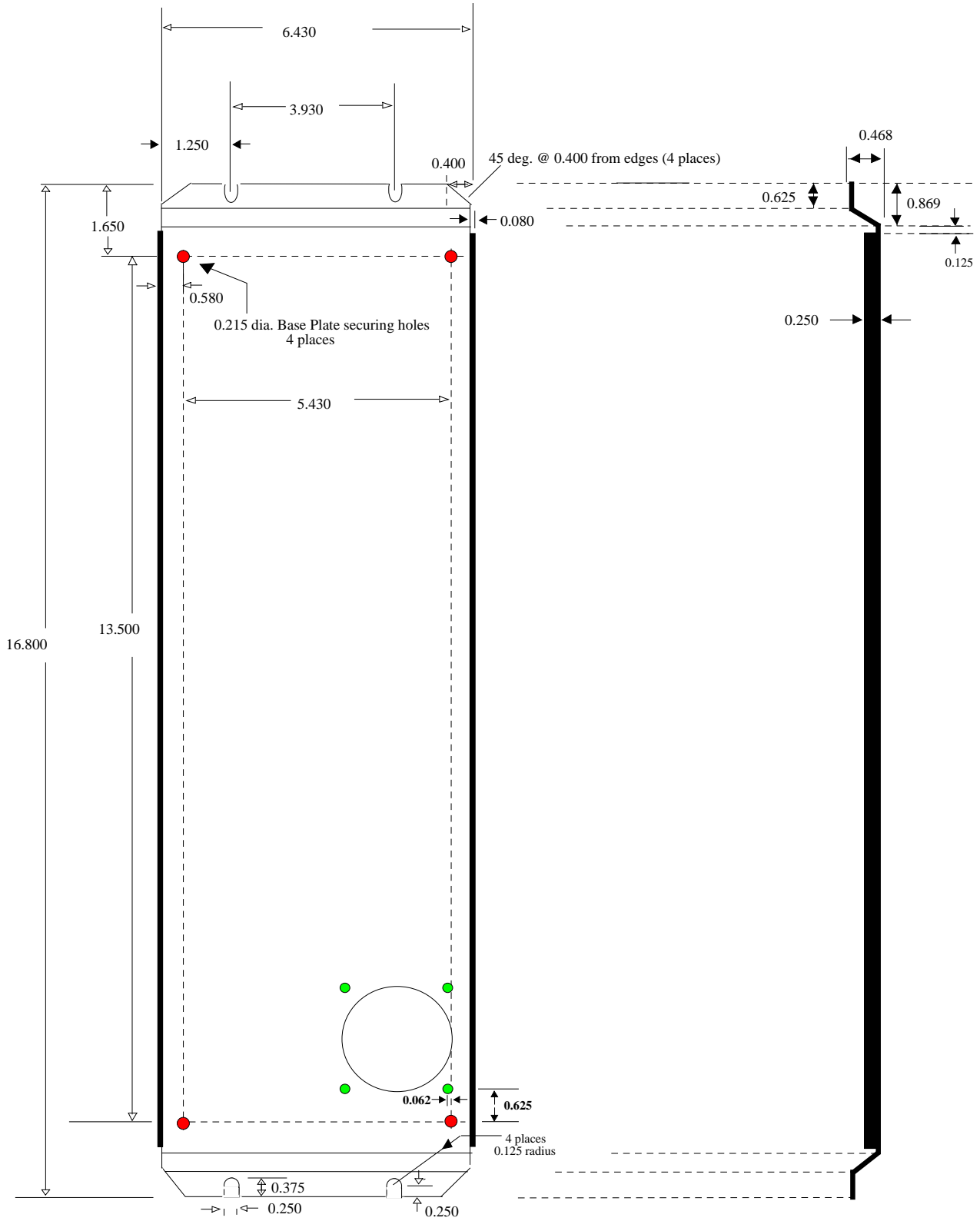
- 1) The unit may be activated through the command terminal #1 of terminal block TBA which when connected to +12 VDC of the vehicle will turn on the converter.
- 2) The converter may be turned on in sections by using the circuit breakers on the front panel.

Ambient Operating Temperature:	-30C to + 60C
Maximum Humidity:	100% non condensing
Maximum Elevation:	15000 ft. above sea level

### Mechanical Specifications:

Dimensions:	16.3 L x 7.0W x 3.5 H (inches overall maximum)
Shipping Weight:	13 lb.
Construction:	Aluminum base with painted steel wrap around
Mounting Method:	#12 Hardware via front and rear mounting flanges
Mounting Centers:	16.5 x 3.93 (inches)
Hook Up:	3 Position Splicer Terminal Blocks

# 695CE Mounting Plate Mechanical Drawing



SEC America, LLC S. Burlington, VT 05407	DWG. NO. <b>63-1441</b> Model 695 Base Plate	REV
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