

**RSTC Enterprises Inc**  
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**AC / DC Combiner enclosure:** **Model 0760-41AD**  
Asphalt/Cedar roof systems **Rated 600 VDC, 120 Amp**  
**120/240 VAC, 60 Amp**

**ETL Listed and labeled**  
Report # 3171411PRT-002 Revised April 22, 2010

- UL50 Type 3R, 11 Edition Electrical equipment enclosures
- UL 1741 1<sup>st</sup> Edition - inverters, converters, controllers, interconnection system equipment for distributed energy resources
- CSA C22.2 #107.1-01 General use power supplies enclosures (2006)

## **Basic specifications**

Material - 18 Gauge Galvanized 90 Steel Base/Cover  
Process - Seamless draw (stamped)  
Flashing - 15" x 15"  
Height - 3.25"  
Cavity - 8" x 9" x 2.5" (162 Cubic inches)  
Finish - Powder coat (1100 hours salt spray)

### **Assembly:**

- Cavity Base and cover punched for matched assembly
- Base Flashing pre-punched for roof deck mounting
- Cavity Base - 5 predetermined dimples for fittings or conduit



Cover – Raised .625" for breaker clearance

Cover cutaway

### **Base plate:**

- 16 gauge galvanized steel
- Fastened to base flashing with toggle fastening system
- Finish – Powder coat (1100 hours salt spray)
- 5 - Roof deck knockouts
- Knockout sizes – (3).5", (1).75" and (1)1"
- Electrical Component Rail - 7" slotted 35mm Installed with steel stud and star nut

Ground – Installed with steel stud and star nut  
Dual position for Wire size - 2/0-14  
Located with ground sticker

Strain Clip – Aluminum riveted installation

### **Hardware pack:**

7 - 1" Truss head screws  
4 - .5" 8-32 thread cutting screws  
4 - Bonded seal washers #10  
2 – 10-32 1/2" Steel studs  
2 – 10-32 3/8" steel star nuts  
1 – Foam gasket seal  
1 – Installation manual