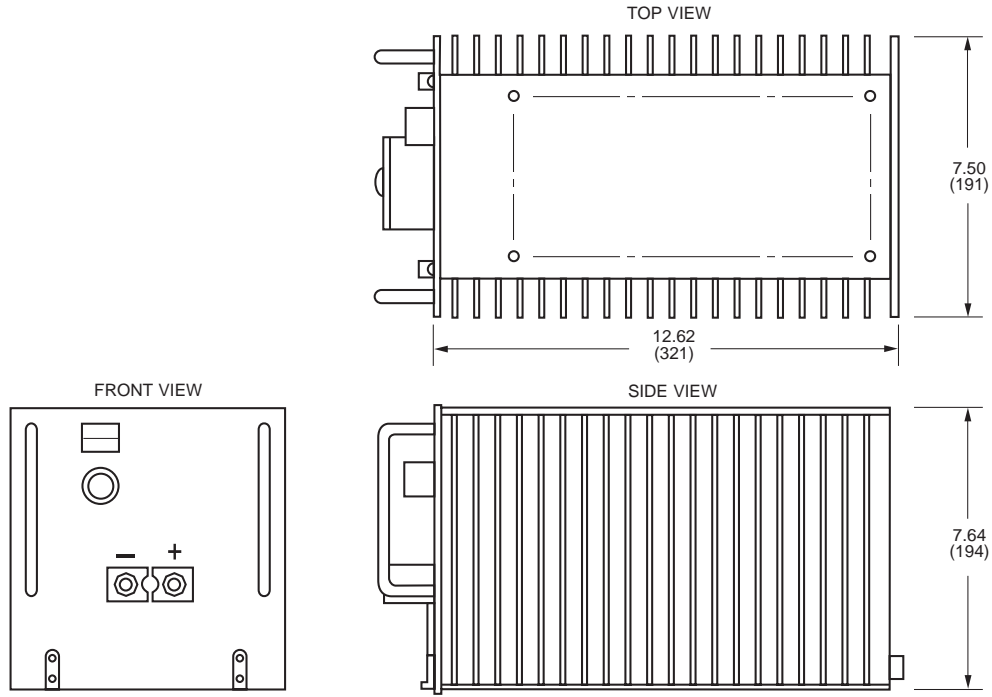


MODEL 8-842
BATTERY CHARGER / CONTROLLER
115 Vac Input, 40 A Output



DIMENSIONS IN INCHES
 (Dimensions in mm)

Battery Configuration

21 Cell Vented Nickel Cadmium, 36 / 53 Ampere Hours

Physical Characteristics

Size: As shown, modified ARINC 600-6MCU
 Weight: 16.0 lbs (7.3 Kg)
 Cooling: Free Convection
 Connectors: Input: BACC45FN14-12P
 Output: 3/8" Stud (positive)
 5/16" Stud (negative)

Environmental Characteristics

Qualified to commercial levels of EMI, vibration, shock, acceleration, humidity, salt atmosphere, fungus, temperature, sand and dust.

Additional Information

For more detailed specifications, options, price quotes or applications information, contact: ELDEC Corporation, P.O. Box 97027, Lynnwood, Washington U.S.A. 98046-9727

PHONE: (425) 743-1313 · FAX: (425) 743-8234 · TWX: 910-449-2855

or ELDEC France, 18, Rue du 35eme Regiment d'Aviation,

F- 69500 BRON - FRANCE

PHONE: (33) 478.26.10.10 · FAX: (33) 472.37.72

Electrical Characteristics

Charge Mode: Constant Current / Constant Potential
 Mode Control: Charge Mode/TRU Mode
 Charge Method: Proportional Timed Overcharge
 Constant Voltage Mode: 27.75 Vdc
 Fault Indication (via front panel LED): Battery Fault, Battery Charger Fault
 Input: 115 Vac, 3 Phase, 400 Hz
 Power Factor: > 0.95
 Efficiency: > 85%
 Input Current THD < 16%

Programs

Gulfstream G-III, G-IV with 36A hr. battery
 G-V with 53 hr., low maintenance battery



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 A CRANE CO. COMPANY