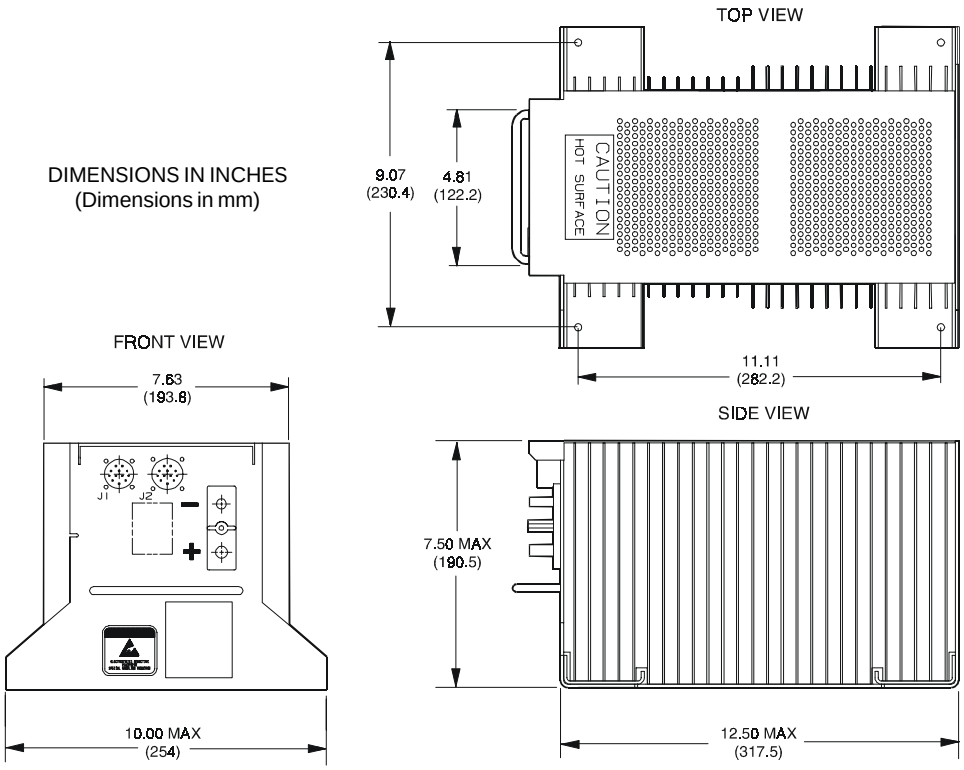
MODEL 8-887

BATTERY CHARGER / CONTROLLER
115 Vac Input, 70 A Output



Battery Configuration

3 each 7 Cell Micro- Maintenance Nickel Cadmium,
75 Ampere Hours
Battery Part Number: ELDEC BA36
Adaptable to other battery sizes and types

Physical Characteristics

Size:	As shown, modified ARINC 600-6MCU
Weight:	14.5 lbs (6.6 Kg)
Cooling:	Natural Convection
Connectors:	Input: M83723/72R1212N
	M83723/72R1412N
	Output: 3/8" Stud (positive)
	5/16" Stud (negative)

Programs

Boeing MD 90
Boeing 717

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

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Environmental Characteristics

Qualified to commercial levels of EMI, vibration, shock, acceleration, humidity, fungus, and temperature.

Electrical Characteristics

Charge Mode:	Constant Current/Constant Voltage
Mode Control:	Base/Overcharge/TRU Mode
Charge Method:	Proportional Timed Overcharge
Constant Voltage Mode:	28.2 Vdc Temperature Compensated
Fault Indication	
(via front panel LED):	Battery Overtemperature
	Battery Disconnect
	Open/Short Temperature Sensor
	Charger Failure
	LRU Fault Isolation
	Dead Battery
	Delta Voltage
Input:	115 Vac, 3 Phase, 400 Hz
Power Factor:	> 0.92
Efficiency:	> 89%
THD (Current):	< 30%

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