

GUEST

PRODUCT SPECIFICATION

PS - 727868

Rev.

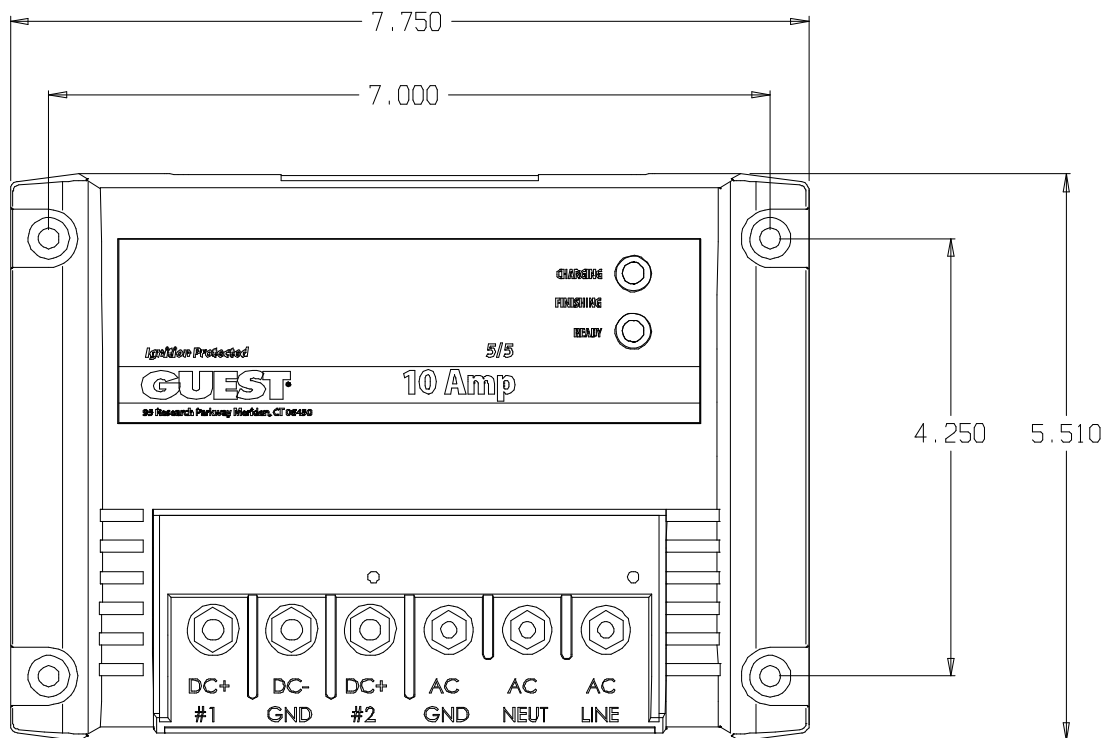
B

1.0 PRODUCT NUMBER: 2610A

2.0 **DESCRIPTION:** The 2610A is an automatic 3-Stage battery charger with 2 independent 5 amp, 12 Vdc outputs.

2.1 Dimensions (reference)

5.5 in 14 cm	Height	7.75 in 19.7 cm	Width	2.42 in 6.2 cm	Depth



Weight (reference)

Approximately 5.6 lb. (2.5 kg)

2.2 Cabling

No cabling, stud terminals for both AC and DC connections.

2.3 Features

- Watertight, shockproof, and corrosion proof
- Short Circuit and thermal protection
- LED status indicator
- Reverse Polarity Protected

Printed copies of this specification are for information purposes only and are uncontrolled. Printed copies are **REFERENCE SPECIFICATIONS** after the date of printing. This document was printed on 27 April, 2009.

GUEST

PRODUCT SPECIFICATION

3.0 ELECTRICAL CHARACTERISTICS:

3.1	Battery Recommendation	
	Maximum Battery Size:	120 Amp Hours
	Battery Type:	SLA, AGM, Gel
	Maximum Recharge Time:	12 hours
3.2	Input Rating	
	Input Voltage Range:	100 – 130VAC
	Input Current Rating:	2.5 Amps maximum
3.3	Float – Maintenance Stage	
	Float Voltage:	13.1 – 13.5 VDC
	Float Current:	0 – 3Amps
	LED status:	GREEN LED ONLY
3.4	Absorption -	
	Absorption Voltage:	13.6 – 14.3VDC
	Absorption Current:	3 – 8Amps
	LED status:	GREEN AND RED LED ARE ON
3.5	Full Load – Bulk Stage	
	Full Load Voltage:	11.5 – 13.2 VDC
	Full Load Current:	8 – 10Amps
	LED status:	RED LED ON
3.6	Reverse Polarity Protection	
	Reverse polarity by fuse.	
3.7	Short circuit/ overload Protection	
	Maximum Short Circuit Current:	2.5 A (typical)
	Current Limit:	8 A (+/- 10 %)
3.8	Inhibit	
	N/A	

4.0 TEMPERATURE CHARACTERISTICS:

4.1	Operating Temperature Range	
	Minimum Temperature:	-20 °C
	Maximum Temperature:	50 °C
4.2	Storage Temperature Range	

Printed copies of this specification are for information purposes only and are uncontrolled. Printed copies are **REFERENCE SPECIFICATIONS** after the date of printing. This document was printed on 27 April, 2009.

GUEST

PRODUCT SPECIFICATION

Maximum Temperature:	70 °C
----------------------	-------

5.0 AGENCY CERTIFICATION:

5.1 EMI/RFI

This product meets FCC class A for conducted and radiated emissions (EMI and RFI).

6.0 WARRANTY

This product has a 2 year warranty.

7.0 REVISION HISTORY:

The table below identifies the revision history of this procedure.

Revision	Product Specification Change Summary	Initials	Effective Date
A	Initial Release	NBM	10/31/03
B	Remove Section 5.2	TM	04/27/09

Originator: Nate Minegar	Position: Engineer
Approved by: Brian Tofeldt	Position: Engineering Manager

Printed copies of this specification are for information purposes only and are uncontrolled. Printed copies are **REFERENCE SPECIFICATIONS** after the date of printing. This document was printed on 27 April, 2009.