

INTRODUCTION

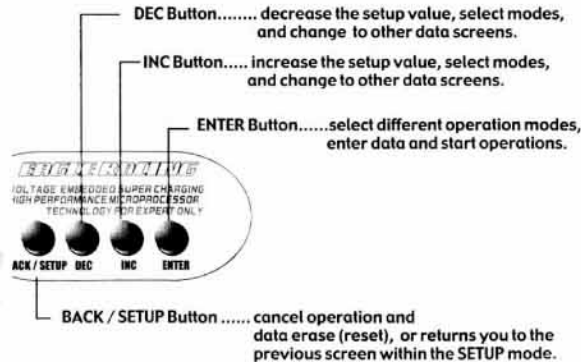
Thank you for purchasing the 16X7, it is the smallest and most accurate battery maintenance system ever developed. The Ni-MH and Ni-Cd are considered high maintenance batteries that require regular discharge cycles to prevent voltage depression. Crystalline formation which causes capacity loss is mainly generated by the nickel plate in both Ni-Cd & Ni-MH. The INDI 16X7 is a complete battery management system designed to get the best performance out of your battery packs. 16X7 gives you important battery information from an easy to read 2 lines 16 characters dot-matrix LCD display. 16X7 is equipped with VESC Linear CHARGE mode for all Ni-Cd and Ni-MH cells, DISCHARGE mode for emptying batteries before storage, CYCLE mode for battery testing and maintenance.

SPECIFICATION

Case Size: 7.2"x7.2"x2.4"
 Weight: 34.3oz
 Input: 11.5-15VDC 100-120VA
 Output: 1-8cell (1.2V-9.6V)
 Battery Capacity: 50-6000mA (50mA step)
 Charge Rate: 0.1-6.5A (0.1V step)
 Trickle Rate: Adjustable
 Discharge Rate: 0.1-20.0A (0.1A step)
 Voltage Threshold: 1-15mV per cell
 Cycle: 1-9 times
 Delay After Charge: 1-10min (1min step)
 Delay After Discharge: 1-60min (1min step)

		Charge or Discharge capacity	Charge or Discharge time	Output battery voltage	Charging current	Slow charging current	Input voltage	Peak voltage	Average voltage (0.000V)
Charge mode	During charge	●	●	●	●	●	●	●	
	After charge	●	●	●		●	●	●	
Discharge mode	During charge	●	●	●	●		●		●
	After discharge	●	●	●			●		●
Cycle mode	During initial discharge	●	●	●	●		●		●
	After discharge	●	●	●	●		●		●
	During charge	●	●	●	●		●	●	
	After charge	●	●	●		●	●	●	
	After test discharge	●	●	●		●	●	●	●

16X7 Functions



2-lines 16 characters dot-matrix LCD display

WARRANTY AND REPAIR

Your INDI charger is guaranteed against workmanship and manufacturing defects for a period of 5 years from the original date of purchase. This warranty is limited to the original purchaser of the charger and is not transferable. Warranty repair will not cover reversed polarity damage, over-voltage input damage, impact damage and units which have been modified or serviced by an unauthorized service center.

NOTE: Freight charges are not covered by warranty.
 Flat rate inspection fee if no repair is required: \$20.00
 Standard non-warranty repair fee: \$45.00

If your INDI charger needs repair:

1. Ship the charger in its original box, freight prepaid to:

INTEGY INC.
1140 Centre Dr #E
City of Industry CA 91789

or you may also contact us by e-mail at support@integy.com for other info.

Include your complete name and address information inside the box, and write address on the outer label/return address area.

2. Include a brief summary of the difficulty. Date your correspondence and be sure your name and address appear on this enclosure. Also, include a phone number where you can be reached during the day time.

To receive warranty service you must include your original dated sales receipt to verify your proof-of-purchase date. Providing that warranty conditions have been met, your charger will be repaired free of charge. We charge a flat fee of \$20.00 for handling, shipping & diagnostic if we can not detect any problem with the unit and the unit will only be returned via UPS GROUND C.O.D.. Should your repair cost exceed 35% of the retail purchase cost, you will be provided with an estimate advising you of your options. Any return freight for non-warranty repairs will be charged to the customer. For non-warranty repairs, please advise us of the payment method you prefer to use. Specify Visa or MasterCard, or we can return C.O.D. cash only. (C.O.D. charges are \$6.00 extra.) If you prefer to use a credit card, include your card number and expiration date.

In no case shall our liability exceed the product's original cost. We reserve the right to modify the provisions of this warranty without notice. Because Integy Inc. has no control over the use of the charger, no liability may be assumed nor will liability be accepted for any damage resulting from using this product. Every INDI charger is thoroughly tested and cycled before leaving our distribution facility and is, therefore, considered operational. By the act of operating this charger, the user accepts all resulting liability.

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