

CHARGER/ POWER SUPPLY

CH-12
(With 6-Volt Capability)

SPECIFICATIONS & INSTRUCTIONS

moose

APPLICATION

The industry favorite, CH-12 has been redesigned to include 6 volts capability, eliminating the need to stock two products. When purchased as a board only, a special jumper allows the selection of either 6 or 12 volts output. Complete units are shipped with jumper preselected and include the appropriate battery and transformer.

SPECIFICATIONS

CH-12 Board (with 6 volt capability)

- Dimensions: Board Size 2.5" x 4"
- Shipping Weight: 4 oz.
- Regulated 6.9 or 13.8 VDC at 600 milliamps continuous output
- Output fused at 3 amps
- When ordering, please specify CH-12

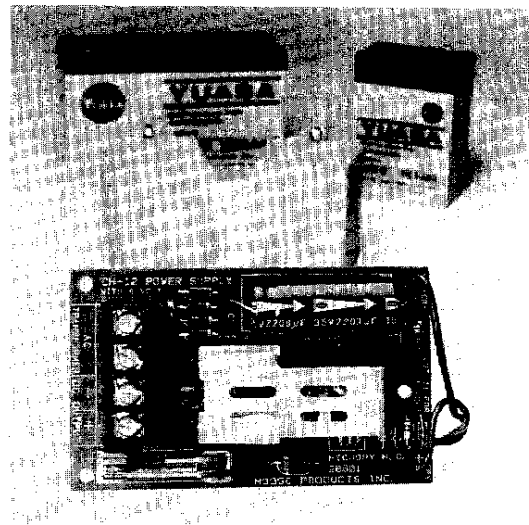
FEATURES

- Precision voltage regulator
- MOV lightning/transient protection
- Bell transient protection
- Adhesive foam mounting
- Automatic switchover to standby batteries
- Sealed lead acid or gel-type battery operation
- Easy quick lock screw terminals

OPTIONS

The following packages are available:

- CH-12 (with 6-volt capability)
- CH-12Y - Complete Power Supply
With 12-volt, 4AH Yuasa battery and 18-volt, 20VA transformer
- CH-6Y - Complete Power Supply
With 6-volt, 4AH Yuasa battery and 12-volt, 20VA transformer
- CH-12G - Complete Power Supply
With 12-volt, 2.7AH Gates battery and 18-volt, 20VA transformer
- CH-6G - Complete Power Supply
With 6-Volt, 2.7AH Gates battery and 12-volt, 20VA transformer



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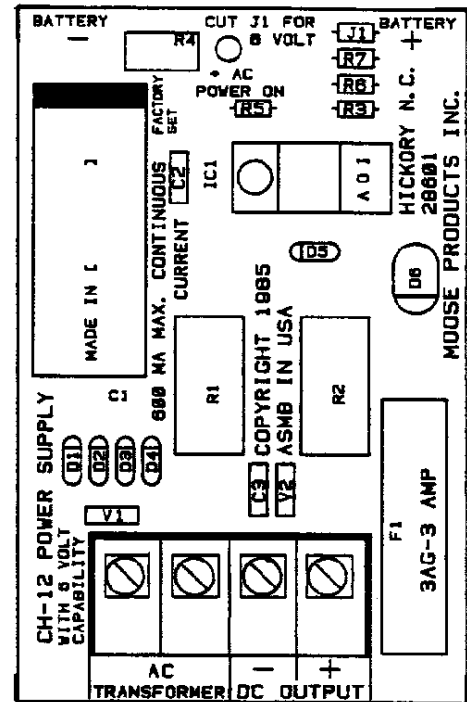
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Instructions

1. Select proper voltage. Board is factory set at 12 volts. For 6 volt operation cut Jumper J1
2. Connect the AC transformer to the terminals marked "X FMR". No polarity need be observed. The 6 volt board uses a 12V AC 20VA transformer, the 12 volt board uses an 18V 20VA transformer.
3. Connect the standby battery "plus" terminal to the red (+) battery wire.
4. Connect the standby "minus" terminal to black (-) battery wire.
5. Regulated DC voltage output to external equipment is available at the terminals marked (+) and (-) output.
6. The Power Supply/Charger board can be mounted to the battery (don't cover vents) or control box with the double sided tape on the back of the board.

Note: The unloaded output voltage should be CH-6 -7 volts, CH-12 -14 volts.

If under heavy current drains (over 500 milliamps) additional AC ripple filtering is needed, connect at least a 2200mf at 25V DC electrolytic capacitor to the output terminals. Observe polarity on the capacitor.



"LIMITED WARRANTY"

Parties and Products

This warranty is extended to all purchasers of and includes products sold under the trademarks Moose or Moose Power and actually manufactured or sold by Moose Products, Inc., Hickory, N.C. 28601.

Warranty Time Period

All products covered by this warranty are date stamped with a six (6) digit number, the first digit being the tester number, the last two the year and the remaining the day of the year involved. For the eighteen months immediately subsequent to the date stamped thereon, Moose Products will replace or repair at its option, any part that proves to be defective in materials or workmanship. The cost of parts, labor and return transportation, if necessary, are included. All other costs are the responsibility of the purchaser.

Conditions and Exclusions

- (a) There is no other express warranty. All implied warranties and fitness for use are limited to the duration of the express warranty. Some states do not allow limitations on how long an implied warranty last, so the above limitation may not apply to you.
- (b) Moose Products, Inc. is not liable for indirect, incidental, or consequential damages in connection with the use of the products including but not limited to (a) any cost or expense of providing substitute equipment or service during periods of malfunction or non use and/or (b) any destruction to and/or loss of property or bodily injury.
- (c) Repairs by anyone other than Moose Products, Inc. and/or misuse by anyone voids all warranty.

Other Rights

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

Procedure

Should you discover that any products of Moose Products covered by this warranty is defective within the warranty time period, you should contact any Moose Products, Inc. dealer who will instruct you on the proper procedure. If for any reason you are dissatisfied with the suggested procedures, you may contact us in writing at:

Moose Products, Inc., P.O. Box 2904, Customer Service Department, Hickory, N.C. 28603