

HIGH CURRENT POWER SUPPLY

SPECIFICATIONS & INSTRUCTIONS

HCP-12S

moose

APPLICATION

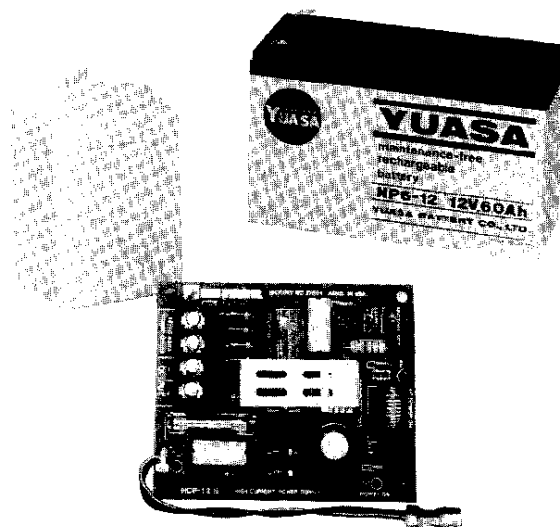
High Current Switching Power Supply for applications where additional power is needed. Comes complete with transformer and battery or as a board only version.

SPECIFICATIONS

- Temperature range: -30 to 70° celsius
- Regulated 13.8 VDC @ 2 amps continuous output
- 500 milliamps available to charge battery while delivering rated current
- 5 amp output upon alarm with battery attached
- Fused at 5 amps on alarm output
- Built-in charger for sealed lead acid batteries
- MOV lightning/transient protection
- Filtered input
- Quick-lock screw terminals
- 150 millivolts AC ripple @ 2 amps
- Transformer (Moose part #T1845):
 - 120 volt AC, 50/60HZ primary
 - 18 volt AC secondary
 - 45 VA non-energy limiting
 - UL listed class II plug-in type
- Battery:
 - 12 volt, 6 amp hour sealed lead acid rechargeable
 - 4 year warranty
 - Mounts in any position

FEATURES

- Switching power supply
- Low power dissipation (less heat than that of linear power supply)
- Current limit overload protection
- Better transient filtering than linear power supply
- AC on indicating LED
- Automatic switchover to standby battery
- Small physical size: 3.5"x4.25"x1.75"



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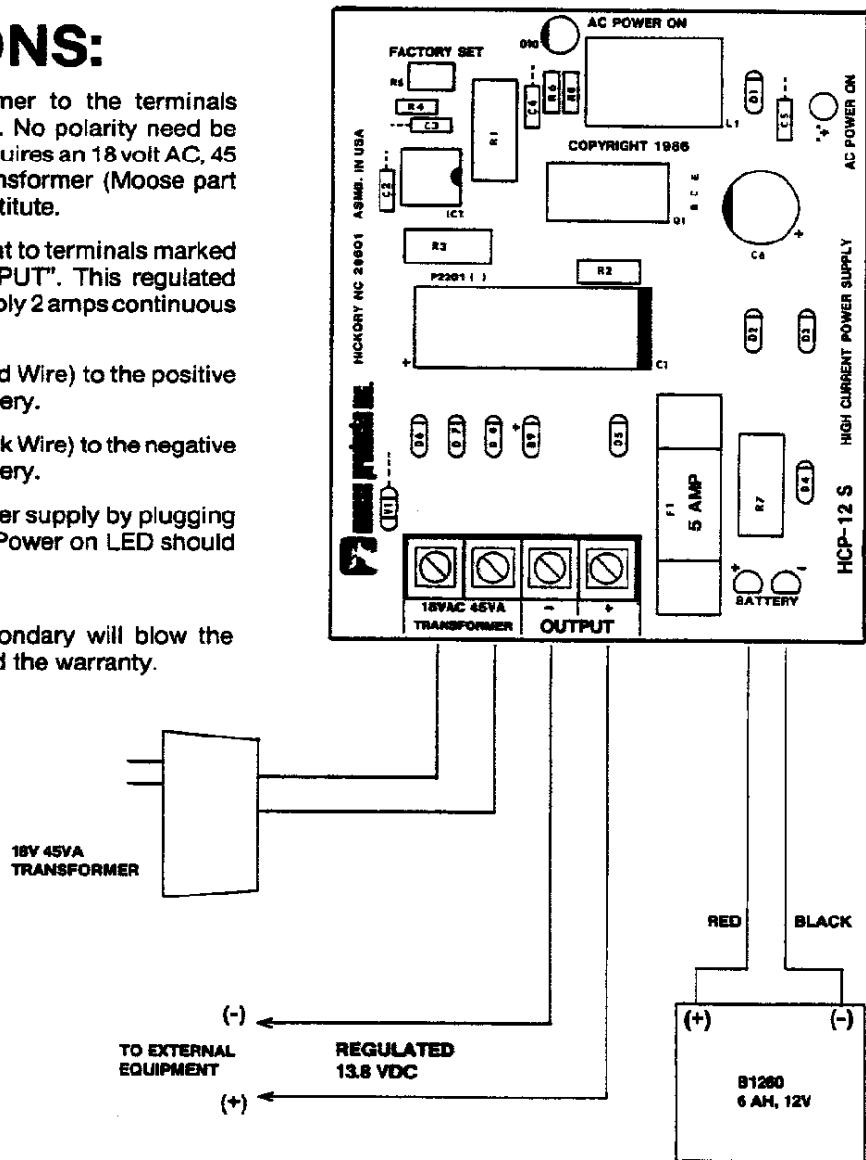
moose products inc.

INSTRUCTIONS:

1. Connect the AC transformer to the terminals marked "TRANSFORMER". No polarity need be observed. The HCP-12S requires an 18 volt AC, 45 VA non-energy limiting transformer (Moose part #T1845). Do not use a substitute.
2. Connect external equipment to terminals marked "—OUTPUT" AND "+OUTPUT". This regulated 13.8 DC volt output will supply 2 amps continuous and 5 amps on alarm.
3. Connect the "+Battery" (Red Wire) to the positive terminal of the standby battery.
4. Connect the "-Battery" (Black Wire) to the negative terminal of the standby battery.
5. Apply AC power to the power supply by plugging in the transformer, the AC Power on LED should now be on.

NOTE:

Shorting of the transformer secondary will blow the internal transformer fuse and void the warranty.



"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