

OWNER'S MANUAL AND USER GUIDE
MEGABOOST BATTERY CHARGER/MAINTAINER
MODEL NO: TE4-0225

FEATURES:

- The unit is designed for charging / maintain–ing a DC 12V/2-250Ah LEAD-ACID battery only
- Input: AC 120V, 60Hz, 1Amp
- Output: DC 12V, 4A (2A)
- For maintenance charging lead acid batteries including:
 - Absorbed Glass Mat Maintenance Free Batteries (AGM)
 - Factory Activated Maintenance Free Batteries (FA)
 - Conventional Acid Batteries (Wet)
 - Gel (Gel Electrolyte)
- Built-in circuit protection guards against overcharging or short circuit
- Shockproof ABS material
- Convenient, color-coded ring terminals and alligator clips for easy, correct installation
- Fully automatic: powers on when needed, powers off when battery is fully-charged or topped-off
- Reverse polarity protected
- ETL-Listed for safety
- Power on indicator (Red LED light)
- Battery voltage indicator (6v or 12v automatic selection)
(Solid Red LED light will indicate battery voltage – If the battery is bad the light will flash)
- Reverse polarity indicator (⚡) (Red LED light will warn if the battery connections are reversed)
- Charge current indicator (Use the MODE button to select between 2A or 4A)
- Charge indicator (🔌 Red LED light indicates the battery is charging – 🟢 Green LED light indicates fully charged battery)



IMPORTANT NOTICE

PLEASE READ AND SAVE THESE INSTRUCTIONS. THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS. READ ALL WARNINGS AND INSTRUCTIONS BEFORE USE. TO REDUCE THE RISK OF INJURY, ALWAYS FOLLOW THESE INSTRUCTIONS AND THOSE PUBLISHED BY THE BATTERY MANUFACTURER AND MANUFACTURER OF ANY EQUIPMENT YOU INTEND TO USE WITH THIS UNIT.

KEEP CHILDREN AWAY:
THIS UNIT IS NOT FOR USE BY CHILDREN AND SHOULD ONLY BE OPERATED BY ADULTS. ALL VISITORS SHOULD BE KEPT AT A DISTANCE FROM WORK AREA.

! WARNING

RISK OF EXPLOSIVE GASES: WORKING IN THE VICINITY OF A LEAD ACID BATTERY IS DANGEROUS. BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS OF THE UTMOST IMPORTANCE THAT EACH TIME BEFORE USING THE BATTERY MAINTAINER YOU READ THIS MANUAL AND FOLLOW ALL SAFETY AND OPERATING INSTRUCTIONS. NEVER SMOKE OR ALLOW A SPARK IN THE VICINITY OF THE ENGINE, BATTERY OR CHARGER/MAINTAINER. FAILURE TO FOLLOW ALL SAFETY AND OPERATING INSTRUCTIONS MAY RESULT IN PROPERTY DAMAGE, ELECTRIC SHOCK, FIRE, SERIOUS INJURY OR DEATH.

CONTACT WITH BATTERY ACID MAY CAUSE BLINDNESS AND/OR SEVERE BURNS. HAVE PLENTY OF WATER AND SOAP NEARBY IN CASE ACID COMES IN CONTACT WITH SKIN, CLOTHES OR EYES. BE AWARE OF FIRST AID PROCEDURES IN CASE OF ACCIDENTAL CONTACT WITH BATTERY ACID. WEAR COMPLETE HANDS, EYE AND CLOTHING PROTECTION. AVOID TOUCHING EYES WHILE WORKING WITH A BATTERY. IF BATTERY ACID CONTACTS SKIN OR CLOTHING, WASH IMMEDIATELY WITH SOAP AND WATER. IF ACID ENTERS THE EYE(S) IMMEDIATELY FLUSH EYE(S) WITH RUNNING COLD WATER FOR AT LEAST 10 MINUTES AND GET MEDICAL ATTENTION IMMEDIATELY.

! WARNING

BURST HAZARD: USE THE UNIT FOR CHARGING OR MAINTAINING A CONVENTIONAL LEAD-ACID (WET), FACTORY ACTIVATED MAINTENANCE FREE (MF), ABSORBED GLASS MAT MAINTENANCE FREE (AGM) OR GEL (GELL ELECTROLYTE) BATTERY ONLY. DO NOT USE THE UNIT FOR CHARGING DRY-CELL BATTERIES THAT ARE COMMONLY USED WITH HOME APPLIANCES. THESE BATTERIES MAY BURST RESULTING IN PROPERTY DAMAGE, ELECTRIC SHOCK, FIRE, SERIOUS INJURY OR DEATH.

! WARNING

DO NOT USE ATTACHMENTS THAT ARE NOT SPECIFICALLY RECOMMENDED FOR USE WITH THIS UNIT. THE USE OF IMPROPER OR UNSAFE ATTACHMENTS MAY RESULT IN PROPERTY DAMAGE, ELECTRIC SHOCK, FIRE, SERIOUS INJURY OR DEATH.

! WARNING

DO NOT DISASSEMBLE THE CHARGER. IMPROPER HANDLING OR INCORRECT ASSEMBLY RESULT IN PROPERTY DAMAGE, ELECTRIC SHOCK, FIRE, SERIOUS INJURY OR DEATH.

! CAUTION

GENERAL SAFETY INSTRUCTIONS:

- Before connecting the charger / maintainer to your battery or to a GFCI (Ground Fault Circuit Interrupter) 120V AC outlet, read all instructions and warnings provided with the battery charger/maintainer.
- This equipment employs parts that produce arcs or sparks. Therefore, if used in a garage or enclosed area, the charger / maintainer unit **MUST** be placed not less than 18 inches above the battery. Keep all cords and the charger / maintainer unit away from heat, liquids, gaseous or explosive atmospheres and sharp edges.
- Do not operate this unit in a closed area or restrict ventilation in any way.
- Only use attachments recommended for use specifically with this product.
- Do not operate the charger if it has received a sharp blow, direct hit of force, dropped or otherwise damaged in any way.
- Do not disassemble the charger.
- Never allow battery acid to come in contact with this unit.
- When not in use, store indoors in a dry place – out of reach of children.
- Do not use the charger for any job except that for which it is intended.
- NEVER attempt to charge a damaged battery.
- NEVER attempt to jump start or charge a frozen battery.

PERSONAL SAFETY PRECAUTIONS:

- Someone should be within the range of your voice or close enough to come to your aid when working near a lead acid battery.
- Be extra cautious to reduce risk of dropping a metal tool onto a battery. It may spark or short circuit the battery or other electrical parts that may cause an explosion.
- Remove personal metal items such as rings, bracelets, necklaces and watches when working with a lead acid battery. A lead acid battery can produce a short circuit current high enough to weld a ring, or the like of a metal, causing a severe burn.
- To reduce risk of electrical shock, disconnect the unit from any power source prior to any maintenance or cleaning. Pull the cord by the plug rather than the cord when disconnecting the unit from the power source. Never carry the unit by the cord or yank it to disconnect from receptacle. NEVER submerge this unit in liquids; do not expose it to rain, snow or use when wet. Keep clear of all liquids when in use.

SURFACE MOUNT INSTALLATION

NOTE: The following surface mount installation instructions are intended to be used as a general guide. Your specific requirements may be different. Mounting hardware is not included.
DO NOT make any electrical connections to the charger or batteries until the following steps are completed:

Installation steps:

1. Mount the charger as far away from the intended charging location of the battery as the DC electrical cord (battery charging cables between charger and battery) permits while in use. Allow for free air ventilation with a minimum of 8 inches of clear, unobstructed space around, in front and above of the charger. Be sure to place the charger in an accessible area where all indicators are viewable.
2. Do not install charger on carpeted, upholstered, vinyl or varnished areas or above the intended charging location of the battery.
3. Using the charger as a template, use a small awl or pencil to mark the position of each mounting hole.
4. Use an appropriate drill bit to drill pilot holes in the marked locations as described in step 3.
5. Position the charger over the mounting holes and secure by installing quality hardware that meet your applications requirements (mounting hardware not included).