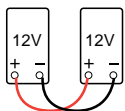


## CHARGING MULTIPLE BATTERIES

Using 12 volt batteries.

### PARALLEL CONNECTION

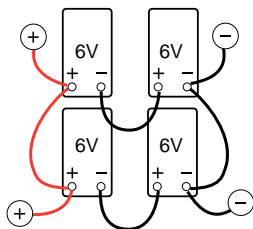


Batteries of the **same type only** (engine starting, deep cycle, sealed, gelled, agm, maintenance-free) can be charged at the same time in parallel (+ to +, - to -).

Connect each 12v battery to one another using 18 – 20 gauge (lamp cord type) insulated wire, stripped at the points you wish it to be in electrical contact with the posts of each battery. *VDC Electronics, Inc. does not provide any type of wire harness to accomplish this due to size variations and terminal configuration.* Attach BatteryMINDER to the + and - of any ONE of the 12v batteries.

## SERIES/PARALLEL CONNECTION

Using 6 volt batteries.



Simply attaching **BatteryMINDER** to the + and - terminals of either set of series connected 6v batteries. **NOTE: If *BatteryMINDER* does not start blinking within 72 hours of the time you attached it to fully charged batteries (1 - 6) YOU MUST DISCONNECT ONE OR MORE OF THE BATTERIES UNTIL *BatteryMINDER* begins to blink continuously, or press the desulphation button to begin desulphating batteries. Failure to do so will cause the unit to possibly burn out, voiding the warranty.**

### ONE (1) YEAR 100% UNCONDITIONAL MONEY BACK GUARANTEE:

**BatteryMINDER** is Guaranteed to perform as claimed or WE will refund your full purchase price, including all taxes, shipping or handling cost applicable to the purchase. Unit must be returned with Proof of Purchase directly to VDC Electronics, Inc., NOT TO THE DEALER FROM WHICH IT WAS PURCHASED.

### 5 YEAR LIMITED WARRANTY

(This limited warranty is not transferable) VDC Electronics, Inc. warrants this product for FIVE years from date of purchase at retail against defective material or workmanship. It will be repaired or replaced at no charge providing it is returned to VDC Electronics, Inc., freight prepaid together with proof of purchase. We make no warranty other than this limited warranty and expressly exclude any implied warranty including any warranty for consequential damages.

Return unit to:

VDC Electronics, Inc., 83 Cedar Lane, P.O. Box 5537, Englewood, NJ 07631-5537.



## VDC ELECTRONICS, INC.

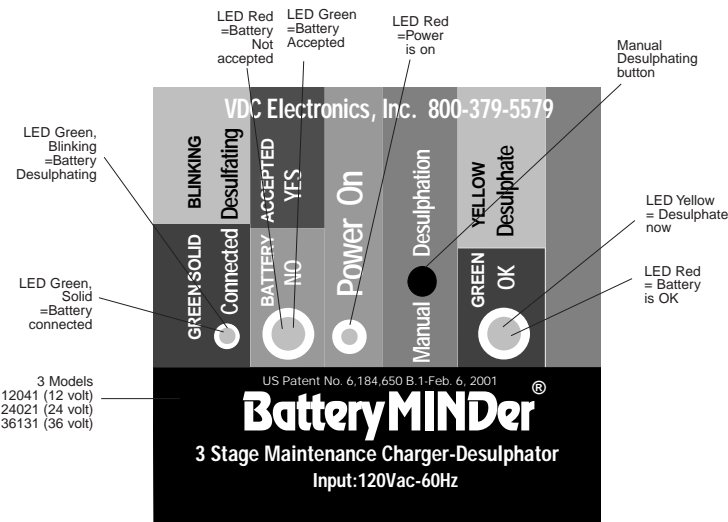
83 Cedar Lane, PO Box 5537, Englewood, NJ 07631-5537

Tech Support 800-379-5579

Operating – Safety Instructions Models: 12041-12v, 24021-24v, 36131 36v

# BatteryMINDER®

## MAINTENANCE CHARGER-DESULPHATOR



**Note: Your BatteryMINDER can be left safely connected (and operating) to any charger, generator, alternator, inverter, without fear of damage.**

**ALWAYS READ SAFETY INSTRUCTIONS CONTAINED HEREIN BEFORE USING YOUR BatteryMINDER.**

### QUICK START INSTRUCTIONS:

**ALWAYS ATTACH UNIT TO BATTERY BEFORE PLUGGING INTO AC POWER SOURCE. DO NOT PLUG UNIT INTO AC ELECTRICAL OUTLET UNTIL ADVISED LATER HEREIN.**

1. Attach Battery to output cord set of unit observing polarity markings RED + (positive), BLACK - (negative)
2. Observe LED "Green Solid" If lit Green proceed, if not lighted check polarity and connections to battery "Green Solid" LED MUST be lit for unit to function.
3. Observe LED Indicator "Battery Accepted" If Green (Yes) = Battery is Accepted for charging- desulphating If RED (No) = Battery cannot be safely charged or desulphated (if just recently deeply discharged (with in 1-5 hours), see inside detailed instructions before discarding battery).
4. Observe LED "Green OK" If lit Green plug unit into AC power outlet. If Yellow = battery requires desulphating

if already fully charged". Plug unit into 120 volt ac power source. Then press "Manual Desulphation" button to begin process. "Green Connected" LED will now blink continuously, unless battery is bad or unit is disconnected. Observe LED "POWER ON" = Unit functioning and power source is on. (If not lit check AC input power to your outlet).

5. Observe LED "Green Solid" = unit is charging. When charging is completed Green LED will BLINK, (unit is now giving battery a maintenance charge + desulphating, if needed) It will continue blinking indefinitely, until disconnected from battery.

• Read Full Detailed Instructions Before Proceeding Further.

### Note:

- Always DESULPHATE - CONDITION ONE (1) BATTERY AT A TIME, unless batteries are in series. If in series-parallel desulphate 1 pair (2) of series connected batteries at one time.
- NEVER attach output cord sets (battery clips or ring terminal-plug assembly) to any other unit except your BatteryMINDER, as polarity may be different on other devices, causing serious potential damage to you and your battery.

### HOW TO QUALIFY YOUR BATTERY

You have purchased the number #1 rated "Computer Chip" maintenance charger / desulphator with both Auto-Float Control™ and the newest technological innovation Pulse Mode™ Circuitry. Please carefully follow these special instructions and the standard safety and operating instructions for both maximum safety and complete performance satisfaction.

**Note:** If your battery does not have a minimum "resting" voltage\* it cannot be charged or desulphated.

### Minimum Resting Voltage:

12V = 10.5V, 24V = 21V, 36V = 31.5V  
(Resting voltage = Voltage in a battery that has not been charged or discharged within 8 hours MINIMUM).

It is extremely important that you determine the state of your battery's "Health" before attempting to re-charge and desulphate your battery. If any of your cells are shorted (no reading on the hydrometer tester) or the difference in charge level is greater than 0.50 SG between any 2 cells (= 2 ball difference using a hydrometer), your battery cannot be properly re-charged / desulphate. Discard the battery in an appropriate, lawful manner. Thank you for purchasing our product and returning the warranty card enclosed.