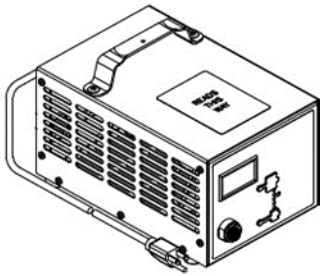


# AccuSense® Quick Start Guide

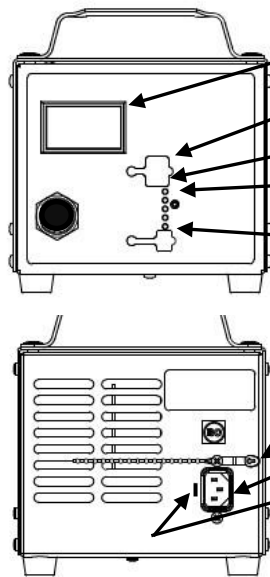
## Begin Here



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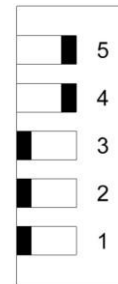
Your new AccuSense® Charger performs 3 major tasks:

- Tests the battery pack to determine if it is OK to charge
- Charges battery pack up to the proper charge-voltage
- Maintains full charge by automatically restarting a top-off charge, periodically - battery is ready to go when you need it!



- DC Amp Meter – Displays charging power
- Charge Algorithm MODE Access Cover
- LED Status Indicator LED Lights
- Menu Select - **NOT** used with LED Display
- USB Programming port. Reserved for use by dealers and service technicians requiring special cable and software. No user access required.

- Use Tie Strap to secure Power Cord in place
- AC Power Cord connects here
- AC Power Indicator Light \_ Green = Good



**MODE-4 Factory Preset is shown. Change this switch setting ONLY if another MODE is really necessary.**

**Only when necessary to change the MODE, refer to the manual. Move Switch LEFT to place in 'OFF' Move Switch RIGHT to place in 'ON'**

**Step #1:** - Complete the assembly of the product before applying any power to charger:  
**NOTE: Battery packs discharged to less than 18 volts fail the Initial Battery Test and the charger will not turn on. (No Lights on the front panel will illuminate.)**

Plug AC Power Cord into charger (only goes in one way) and wrap Tie-Strap around Cable.

- Set the Charge Algorithm MODE settings to match the battery type: Charger is factory pre-set to MODE-4; used with most all common flooded deep-cycle and AGM lead-acid batteries. However, some battery manufacturers optimize their batteries for a specific charge profile. If unsure what type batteries are in your cart - check with your golf-cart dealer but **most likely you will not need to change away from MODE-4**

For a list of common golf-cart batteries and the Charge MODE settings, visit our website at [www.DPIpower.com](http://www.DPIpower.com) or scan this QR code.



To access the full User Manual on our website, scan this QR code, or go to [www.DPIpower.com](http://www.DPIpower.com) and select "Product Manuals" from the menu.



**Step #2:** Understand the Status Indicator lights - The 5 LEDs on the front of the charger are used to let you know what the charger is doing. From the top down, they are . . .

- Charged - Green LED illuminates when battery is fully charged and charger has switched to the float / maintenance mode.
- Charging - Yellow LED indicates battery is charging but is not yet fully charged.
- Detection - Red LED indicates the battery has failed testing.
- Shutdown - Red LED used to display charger error codes.  
(See the user manual for details.)
- Power-On - Red LED on when AC power is present and the charger is ready to use.

**Step #3:** *Your charger is now ready for use!* - Follow instructions below **in order** to recharge your vehicle's battery. Use a Voltmeter to verify battery is charged to at least 18 volts DC.

- Plug the Charging Cable into your cart's receptacle and make sure it is inserted **FULLY**.
- The Charged and Charging LEDs will flash to annunciate 'MODE-4'. Then all LEDs turn off.
- Now, connect the A.C. plug to a surge protected A.C. Wall receptacle. Verify the AC Power Indicator Light on the back/rear of charger is GREEN. If the Power Indicator Light does not come on, make sure there is AC power coming out of the wall outlet. If the Power Indicator Light still doesn't come on or it is RED, return the charger to place of purchase for warranty repair or replacement.
- The Red Power-On and Detection LEDs illuminate for 3 seconds. Then, the Detection LED only, will turn off and the Charging LED will begin to flash slowly, for approximately 10 seconds, while 'testing the battery'. The DC Amp Meter needle will move up from 0 to indicate 'charging'.
- After testing the battery, the Charging LED stops flashing and illuminates continuously to indicate 'fast charging'. The Amp Meter needle will increase to a higher value.
- If the Charging and Charged LEDs both illuminate, the charger is 'topping off' the batteries. This may not occur if the battery was near full charge when charging started.
- When the battery has reached full charge, the Charged LED will illuminate and the Charging LED will turn off. An internal relay automatically disconnects the charger from A.C. Power to reduce power consumption and automatically re-engages this relay every 28 days to restart a 'top-off' refresh charge, to maintain the batteries at full charge.

**Additional Charging and Battery Discharging Notes (very important):**

- The charger first checks your battery pack to make sure it is in good shape for charging and is not discharged below a minimum of 18V. Any less battery voltage and the charger will not turn on the AC Power to start the charging cycle. **(No Front Panel lights will illuminate.)**
- If you drive the cart until the battery is completely exhausted, or left the batteries sitting for many, many months, it may be necessary to call for Cart Servicing to get some energy back into the battery. Completely discharging the batteries will significantly shorten battery life and may leave the battery permanently damaged - **Avoid this situation, ALWAYS!**