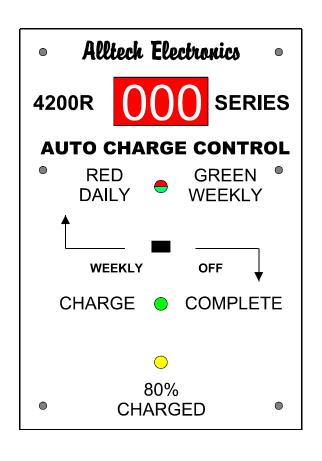


ALLTECH ELECTRONICS INC.

6700 EXCHANGE DRIVE MANSFIELD, TEXAS 76063 PHONE 817-477-2703 FAX 817-453-9988 TOLL FREE 1-877-882-6004

Introducing

THE 4200R DIGITAL RETRO-FIT AUTO-START



A decade ago, digital auto-starts were an add-on feature. Today, many manufacturers have them as a standard feature If they fail, replacements can be costly and hard to find due to extended lead times.

QUESTION

What do customers do if their OEM control fails and needs to be replaced?

ANSWER

Alltech Electronics Inc.

4200 Digital Retro-fit

The 4200 was designed with the following parameters:

- 1. An economical circuit with digital and multi-LED indicators.
- 2. Ease of installation, both mechanically and electrically.
- 3. Circuitry that is adaptable to most chargers
- 4. Simple DC voltage and Ammeter Shunt field adjustments.

The 4200 Series Retro-fit Auto-Start STANDARD FEATURES

- 1. START-UP DELAY---Charger starts in 5 to 6 seconds after battery-charger connection.
- 2. PC MOUNTED RELAY---Capable of handling up to 20 amps at 240 VAC.
- 3. DUAL COLOR LIGHT---Red for normal charge, green for weekly charge, toggle switch activated.
- 4. 80% CHARGED LIGHT---Yellow indicates battery is 80% recharged.
- 5. SAFETY SHUTDOWN SWITCH---Toggle switch for emergency shutdown.
- 6. CHARGE COMPLETE LIGHT---Green charged complete at the end of a full charge.
- 7. BACKUP TIMER---Should charger not shut off in twelve hours, backup timer overrides.
- 8. AC POWER FAILURE MEMORY---Resumes charge upon return of AC power.
- 9. DC CONTROLLED---No external AC power relays or stepdown PXF needed.
- 10. CHARGED BATTERY SHUTDOWN---If battery reaches 80% charged after first 15 minutes of charging, unit shuts down. Eliminates over charging.
- 11. EASY MOUNT STEEL BOX---4.75" x 6.75" x 2.5" steel box mounts to front of charger via stud-mounts. (Order as 4200R)
- 12. MOUNTING PLATE---Also available in a 4.75" x 11" flat mounting plate for easier replacement in various chargers. (Order as 4200P)
- 13. BRIGHT DIGITAL READOUT---Easy to read, bright red digital read-out display.
- 14. WRONG VOLTAGE REJECTION----Unit indicates when wrong cell battery has has been connected to charger.
- 15. MULTI-VOLTAGE--- One unit will work on all standard DC voltage chargers, easy cell selection via jumper on board.
- 16. NEW MULTI-AMP SHUNT SETTING --- One unit will work on all standard ammeter shunt sizes. Adjustable via a sequence of switch toggles.

OPTIONAL FEATURES

Factory programmed delay of start- Allows unit to be pre-programmed for up to 6 hours delay of start.

Factory programmed Auto Equalize-Will give battery an automatic equalizing charge after (X) number of complete charge cycles.