



Legacy® Battery & Gold Series Charger System



The Legacy® High Performance Battery & Gold Series Charger System gives you the highest power output, the longest battery life and the greatest battery reliability. Combined with our new state-of-the-art single-point watering system, the Legacy battery and charger help reduce maintenance and give you a greater return on your investment.

With recent advances in battery design, today's power systems are different from their predecessors. In the past, efficiency was harder to measure and high maintenance requirements were a given.

Battery users expect more, and the Legacy® Power System has evolved to meet this challenge. Batteries are expected to deliver more power with greater consistency, last longer with less maintenance, and deliver an outstanding return on your investment.

And that's exactly what you get with the Douglas Legacy Battery & Gold Series Charger System.

Ensuring that your batteries are properly charged, the Legacy Power System protects against the effects of overcharging, overheating and excessive water usage.

At the same time, the Legacy Power System — with its perfectly matched battery and charger — guards against undercharging, which can lead to loss of capacity.

You'll also notice lower utility costs, since charging is managed and terminated more accurately. Cumulatively, you'll find that this superior charge management process slows the plate-aging process, resulting in a significantly positive overall effect on performance and productivity.

In addition, combining our extremely accurate charger technology with our high-performance, advanced-design single-point watering system reduces the need for battery cleaning, enhancing safety and reducing the impact on the environment.

All Legacy Gold Series chargers are easily programmed and customized for your immediate use.

DOUGLAS LEGACY®
BATTERY & GOLD SERIES CHARGER SYSTEM



DOUGLAS BATTERY
Connect with a leader.

UNBEATABLE POWER

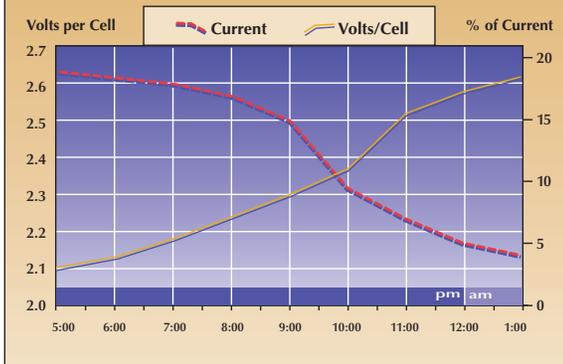


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The most advanced combination of battery and charger technology available, the Legacy Gold Series System maximizes performance as it minimizes maintenance costs.

Charge Characteristic

Legacy® Gold Series Charger



The start rate or beginning of the charging cycle is vital because the battery is at its most efficient stage. The majority of current should be returned at this point to ensure battery temperature control. The Legacy® Gold Series Charger supplies more current during this optimum time of the charge cycle — when battery temperature is at its lowest point.

Accurate charging for fullest battery potential

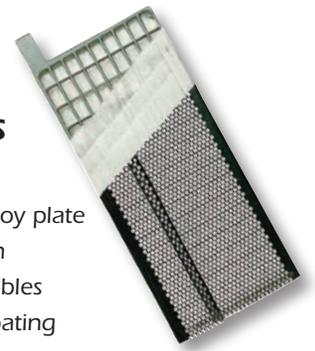
- Tailored charge profile ensures best electrical-to-chemical conversion
- State-of-charge sensor automatically terminates charge cycle at proper time
- Cool equalization feature refreshes the battery at lowest temperature
- Battery and charger diagnostics automatically track battery performance and inform operator of error conditions

Legacy® Gold Charger control features

- $dv/dt \cdot di/dt$ automatic termination
- Stop push button
- Charge status indicator
- Automatic refresh charge
- Digital output current display
- Digital fault display
- Wrong battery protection
- Back-up timer protection
- Charge time delay
- Negative slope termination
- Equalize push button
- LED test
- Charge data monitor
- Ampere hours returned
- Total time charge
- Average volts per cell
- Cool-down time
- Watering control signal

Premium battery features

- High-performance design
- Low-maintenance lead alloy plate
- Five-fold insulation system
- Quick-connect, bolt-on cables
- Premium Douglas Tray Coating for added durability
- Full 5-year warranty



Single-point watering

- Saves watering time and reduces labor costs
- Ensures proper water levels
- Built-in hydrometer port allows specific gravity checks without removing watering caps

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DOUGLAS BATTERY

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Section 15.14 Rev. 03/11

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