

COMMITMENT TO CHARGER OPTIMIZATION



Through decades of manufacturing batteries across diverse applications, Discover Battery has gained invaluable insights into the critical role that battery chargers play in enhancing user experience and product success. We understand that the industrial and commercial environments where battery-operated equipment operates are exceptionally demanding, often requiring users to prioritize productivity and job completion over equipment maintenance.

We recognize the variability in equipment use cases, even for identical machinery deployed in different regions or by different users. What works optimally in one setting may not necessarily be effective elsewhere. At Discover Battery, while we may not have all the answers, we firmly believe that fostering close collaborations and partnerships with battery charger manufacturers is key to addressing common challenges and optimizing performance.



Discover Battery's proactive approach involves collaboration with battery charger manufacturers to share industry knowledge and trends to ensure we have the appropriate charging profile(s) and solution available to address the needs of our customers.

KEY CHALLENGES:

- **Battery Over and/or Under-Charge:** Ensuring batteries are charged within optimal voltage parameters to maximize lifespan and performance.
- **Partial State of Charge:** Managing batteries that are not fully charged or discharged, common in dynamic operating environments.
- **Extreme Temperature:** Compensating for batteries that are exposed to warm and cold temperatures.
- **Deep Discharge Recovery:** Implementing strategies to recover batteries from deep discharge conditions.
- **Maintenance Mode:** Implementing specialized charging profiles during idle periods.
- **Compliance and Regulatory Requirements:** Adhering to industry standards and regulations to ensure safety and efficiency of battery charging processes.
- **Faster Charge Times:** Optimizing charging times without compromising battery longevity.
- **Reliability and Conformance:** Ensuring chargers consistently deliver reliable performance and conform to industry standards for operational excellence.



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DISCOVER RECHARGE PROGRAM OVERVIEW

RECHARGE is a platform to assist Discover Battery customers in finding the right chargers for their application and use requirements. By showcasing our charger partners in a dedicated space on our webpage and allowing our partners to highlight their product capabilities and services – Discover customers can make proper charger and battery pairing.

PARTICIPATION CRITERIA CHECKLIST

- Brief Company Intro: Introduce your company in a concise and impactful way (180 characters).
- Date of Established and Partnership with Discover: Provide the year your company was established and the year you partnered with Discover Battery.
- Battery Applications: List the top three battery applications your company specializes in (e.g. Floorcare, MEWP, Material Handling, Golf)
- Feature/Benefit Differentiators: Highlight the top three features or benefits that differentiate your chargers from others in the market.
- Discover Algorithm(s): Provide the Discover algorithms and which chargers models can be made available with them.
- Company Quote/Testimonial: Share a compelling quote or testimonial that showcases your collaboration and success with Discover Battery.
- Shared Case Study: Present a case study highlighting a successful project or deployment involving Discover Battery products and your chargers.
- Resources: Provide links to configuration videos, operating manuals, troubleshooting documents, or any other relevant resources.



**CONTACT US TO JOIN
DISCOVER RECHARGE!**

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