



TRANSITIONING YOUR COURSE TO CORDLESS

Understanding and Managing a New Fuel Source for Golf Course Operations—Simplified

By Nick Feld, Senior Product Manager at EGO Commercial

SWITCHING TO BATTERY POWER: YOUR BEST MOVE TO MAXIMIZE UPTIME, CONTROL COSTS

Maintaining a championship-quality golf course depends on the equipment your grounds crew relies on every day. Traditionally, that meant fueling with gasoline or a 2-cycle or 4-cycle fuel mix. The noise and fumes would disrupt play, limiting worktime during the day—plus, fuel spills are extremely expensive to remedy on play areas.

On the busiest of days, like during peak season, tournament prep, or a heavy morning maintenance window before players tee off, it's difficult to carry enough fuel for a full day's work. Having to stop and refuel midday can be the difference between finishing on schedule and falling behind the pace of play.

None of these concerns exists with battery power.

BATTERY POWER, BRIEFLY EXPLAINED

A watt is the unit of power measurement for battery equipment—the equivalent of horsepower in the gas world. Watts are calculated by multiplying volts times amps ($V \times A = W$). The equivalent to gas-tank capacity in battery-speak is watt-hours, the unit of energy, calculated by multiplying volts times amp-hours ($V \times Ah = Wh$).

The greater the energy a battery can contain, the more work it can do—whether that's a backpack blower clearing clippings and leaves along the cart paths and clubhouse walkways, a trimmer detailing bunker edges and tee boxes or mowers keeping grounds in perfect condition.

For example, a 12Ah battery is available on several voltage platforms, but not all 12Ah batteries are created equally.

POWERING THE FUTURE OF COURSE MAINTENANCE

NOISE REDUCTION

Gas-powered blowers can disrupt play and disturb residents living near the course. EGO Commercial's battery-powered blowers and trimmers provide professional-grade performance at much lower noise levels, so crews can maintain fairways, greens, roughs and the areas around the clubhouse without interfering with golfers or neighboring communities.

PREMIUM PERFORMANCE

Modern battery tools balance efficiency, course quality, and environmental impact, offering professional performance, quieter operation and no chance of fuel spills on the greens. Crews work smarter, the course stays pristine and golfers enjoy a better experience.



Let's compare 12Ah batteries on 18V and 56V platforms:

18V BATTERY: $18V \times 12AH = 216WH$
56V BATTERY: $56V \times 12AH = 672WH$

Here, *the 56V battery is not only more powerful but also has more than three times the energy*. That means three times more 18V batteries would be needed to harness the same amount of energy.

Choosing a single-battery platform is key. This enables your crew to use the same battery interchangeably across all of your equipment. The more efficient a maintenance operation can be at managing its energy, the better it can manage the associated costs and the optimal number of batteries needed to complete the work.

A TOOL TO HELP MANAGE YOUR TRANSITION TO CORDLESS

Calculating energy needs when transitioning from gas to battery can be complicated, which is why we created [Power Manager](#), a web-based tool designed to help operations teams

answer the most important question when converting to battery equipment: “Where do I begin, and how?”

In a few short steps, based on answers about your operation—including the size of your crew(s), the types of tools and equipment used throughout the day, average workday length, estimated trigger times, and more—Power Manager delivers instant battery and charger recommendations to get you the runtime needed to complete a typical day on the course.

CHARGING: WHEN, WHERE, HOW?

Most courses self-maintain with an onsite maintenance facility where equipment is stored and serviced, which means battery chargers can sit on a shelf or mount on a wall. This makes organizing and storing batteries and chargers relatively easy, because wall space is often readily available.

Many batteries need to be charged to keep equipment running all day. Yet without a simple, dedicated solution, chargers can end up overloading a circuit, tripping a breaker and stopping charging—leading to lost productivity right when the course needs the crew most.



EGO COMMERCIAL DELIVERS A SIMPLE CHARGING SOLUTION

Whether you're a course just starting to transition with a small number of batteries or a large operation with many batteries to charge, the EGO Commercial PGX™ Commercial Charging system is designed for simplicity, flexibility and scalability.

How it works: With the PGX™ Commercial Charging 1600W Hub, one standard 15-amp circuit is all you need to get started—no expensive electrical upgrades required. Just mount the hub to a wall near a standard 120V outlet, then connect 3-Port Docks to charge up to three batteries at once, and as many as 24 3-Port Docks can be connected to charge up to 70 2.5Ah batteries overnight from one 15-amp circuit.

1 COST EFFECTIVENESS

Unlike other chargers that require extensive electrical system upgrades and expensive hardware, the 3-Port Dock is designed to be simple and much less expensive. And, as a course scales its operations, their PGX™ system scales along with it—at a much lower cost than the competition.

2 CHARGING ON THE GO

EGO Commercial designed a solution for recharging batteries anywhere with the PGX™ Commercial Charging Power Bank, which can easily fit in the back of UTVs or golf carts. The Power Bank uses a 2.2kWh (40Ah) High-Capacity battery to recharge handheld batteries where your crew is, with no cables or special connections required. With the Power Bank and one High-Capacity battery, they can fully recharge up to eight 5.0Ah batteries—or recharge two in just 30 minutes.

MANAGE CHARGING AND BATTERY USE FROM ANYWHERE

With EGO Fleet, you can manage battery charging and use, plus get an instant analysis of EGO Commercial's connected chargers and batteries—all from a mobile app:

- Configure the charging settings to save money and promote battery health.
- Monitor the charging status of all your EGO batteries, as well as know which tools are in use and for how long.
- Receive and act on notifications, ensuring crew uptime.
- Track your tools and batteries, so you can keep an accurate inventory of your equipment.

While the transition to a battery-powered solution may seem daunting, EGO Commercial is positioned to provide the first-ever viable replacement for gas—with solutions like the PGX™ Commercial Charging System that are simple, flexible, scalable and economical. For general managers, owners and superintendents alike, that means quieter mornings near the clubhouse, cleaner operation across the property, and a better experience for golfers and the surrounding community.

[**Sign Up to Learn More**](#)



EGO COMMERCIAL MAINTAINS YOUR GOLF COURSE MORE EFFICIENTLY



ELIMINATE DOWNTIME FOR GOOD

The PGX™ Commercial Charging system is a first-of-its kind that scales with your business. You can charge up to 70 batteries overnight—more than enough power for a full day's work—all from a standard outlet. And the same battery powers all your EGO Commercial tools.



COUNT ON EQUIPMENT BUILT TO OUTLAST

Every product in the lineup is designed for daily golf course maintenance season after season. Built from durable, commercial-grade carbon fiber, our equipment is lightweight and easy to operate—no pull cords, fuel mixing or choke adjustments. And with IPX5 weather resistance you can schedule work rain or shine.