

EGO 2.2kWh (40Ah) High-Capacity Battery

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Product Description

EGO Commercial 2.2kWh (40Ah) High-Capacity Battery

The EGO Commercial 2.2kWh (40Ah) High-Capacity Battery (HC2240T) provides professional-grade power for commercial landscaping crews operating EGO's 56V battery platform. Engineered with advanced ARC Lithium technology, this commercial battery delivers exceptional runtime and power output while maintaining the durability required for demanding professional applications.

ARC Lithium Technology

EGO's patented ARC Lithium battery architecture sets new standards for commercial battery performance. The industry-leading battery cells provide higher energy density than conventional lithium-ion batteries, delivering more power and runtime in a compact, manageable form factor. Advanced thermal management systems monitor cell temperature during operation and charging, protecting battery longevity while maximizing power output.

Commercial-Grade Construction

Built to withstand the rigors of professional use, this battery features reinforced housing that protects internal components from impact damage common in commercial operations. The rugged construction guards against drops, bumps, and rough handling in work vehicles and job sites. Weather-resistant design allows operation in various environmental conditions, from hot summer days to cool morning starts.

Intelligent Battery Management

- Onboard microprocessor monitors cell voltage and temperature in real-time
- Automatic protection against overload, over-discharge, and overheating
- LED fuel gauge provides at-a-glance charge status for quick battery selection
- Keep Cool technology manages cell temperature during high-demand applications
- Advanced algorithms optimize power delivery based on tool requirements

Professional Runtime Performance

Commercial crews demand reliable runtime that lasts through demanding workdays. This battery's high capacity supports extended operation on power-hungry equipment including backpack blowers, commercial mowers, and heavy-duty trimmers. The consistent power output ensures tools maintain peak performance from full charge through the entire discharge cycle, unlike gas equipment that loses power as fuel depletes.

Peak Power Compatibility

When used with Peak Power compatible tools, multiple batteries work in concert to deliver power equivalent to professional gas equipment. The intelligent power management system seamlessly distributes load across connected batteries, maximizing runtime while maintaining optimal performance. This allows smaller capacity batteries to power larger equipment when paired together.

Rapid Charging Capability

Compatible with EGO's commercial charging solutions, this battery supports rapid charging that minimizes crew downtime. The advanced cell chemistry accepts high charge rates without degrading battery health, allowing batteries to reach working capacity during typical job breaks. Sequential charging systems ensure crews always have fresh batteries ready for tool swaps.

Universal Platform Compatibility

This battery works across the entire EGO commercial tool lineup, from handheld equipment to riding mowers. Universal compatibility eliminates the need for tool-specific batteries, simplifying inventory management for commercial operations. Crews can swap batteries between tools as needed, optimizing battery usage throughout the workday.

Fleet Battery Management

For operations managing multiple crews and extensive tool fleets, standardized battery capacity simplifies rotation schedules and inventory control. The consistent performance characteristics allow accurate runtime planning across different tool types and applications. Battery tracking systems help operations monitor battery health and replacement cycles for optimal fleet performance.

Long-Term Durability

Engineered for extended service life, this battery maintains capacity through hundreds of charge cycles when properly maintained. The advanced cell technology resists capacity fade better than conventional lithium batteries, providing consistent runtime performance season after season. Lower replacement frequency reduces long-term operating costs compared to disposable battery platforms.

Environmental and Safety Features

Built-in safety systems protect against common battery hazards including thermal runaway, short circuits, and cell damage. The environmentally sealed construction prevents moisture and debris ingress that can compromise battery performance. Recyclable construction supports corporate sustainability initiatives when batteries eventually reach end of life.

Cost of Ownership Benefits

While initial battery investment is higher than disposable alternatives, commercial crews realize substantial savings through extended service life and reduced replacement frequency. The ability to recharge batteries hundreds of times eliminates ongoing fuel and disposal costs. Lower operating costs improve profit margins on commercial contracts while reducing environmental impact.