



CORDLESS SPRAYERS

FREQUENTLY ASKED QUESTIONS

DO THE CORDED AND CORDLESS MODELS REALLY OFFER THE SAME PERFORMANCE?

The GX21 Corded & Cordless models are both able to spray at the same 207 bar, pump the same 1.8 liters per minute, and support up to the same 0.021" tips.

The Classic 390 PC Corded & Cordless models are both able to spray at the same 227 bar, pump the same 1.8 liters per minute, and support up to the same 0.021" tips.

The Cordless units are built to be able to spray the same jobs, handle the same materials, and tackle all the same applications as their corded counterpart.

This allows contractors to choose, Corded or Cordless.

CAN I SPRAY AT THE SAME RATE WITH THE CORDLESS? WILL MY BATTERIES KEEP UP?

The cordless models offer the same performance (pressure, flow rate, tip support, etc.) as the corded versions so you will be able to spray at the same rate between corded & cordless models. The batteries last around 11.5 liters per charge and can charge in under 60 minutes, meaning you can continuously spray 11.5 liters per hour throughout the day without downtime by swapping batteries between the sprayer and the charger.

If a contractor requires longer spray time, they have the option to buy additional batteries separately. The GX21 & Classic 390 PC sized sprayers are typically used on jobs smaller than 40-45 liters per day, or up to 200 liters per week. For those who plan to spray more, you may want to look into a larger sprayer.



WHAT BATTERY LIFE CAN I EXPECT FROM FLEXVOLT BATTERIES?

The GX21 & Classic 390 PC Cordless can be powered by 6ah, 9ah, and 12ah DEWALT FLEXVOLT batteries. Different amp hour batteries offer different battery run times,

- ▶ DEWALT FLEXVOLT 18v/54v MAX 6.0 Ah Battery: Up to 11.5 liters per battery charge
- ▶ DEWALT FLEXVOLT 18v/54v MAX 9.0 Ah Battery: Up to 17.25 liters per battery charge
- ▶ DEWALT FLEXVOLT 18v/54v MAX 12.0 Ah Battery: Up to 23 liters per battery charge

* NOTE: Many things may affect battery run time such as; usage & maintenance patterns, battery age, temperature, materials viscosity, hose lengths, hose diameters, tip sizes & more.

WHAT ARE THE BEST PRACTICES ON BATTERY USAGE & MAINTENANCE?

- Store and charge batteries in a cool, dry location. Optimal long-term storage (on the shelf) is recommended to be 10°C to 30°C.
- Avoid exposing batteries to liquids, oils, and extreme temperatures.
- For best battery life, use partial charge & discharge cycles when possible. Lead-Acid batteries and other older styles of batteries may be damaged if partially charged often, however Lithium Ion batteries work best with partial charge & discharge cycles.
- It is recommended to stop using a battery as soon as you feel a substantial decrease in power from the tool.
- Completely running down a battery may damage it. Graco has programmed the unit to shut off before battery is completely drained to maintain battery life.
- Avoid mechanical damage to batteries & chargers. If mechanical damage occurs it is recommended to dispose of damaged equipment & replace.

WHAT IS THE BEST WAY TO TRANSPORT OR STORE MY BATTERIES?

- When transporting, always install the red storage cap delivered with the batteries.
- Store and charge batteries in a cool, dry location. Optimal long-term storage (on the shelf) is recommended to be 10°C to 30°C.
- It is best to store batteries at full charge. Storing the batteries outside of the charger will not result in loss of charge.
- DEWALT Chargers have a “maintenance mode” which allows batteries to remain on the charger until needed. When using with tools, DEWALT batteries will automatically shut off when charge is depleted. Similarly, batteries will cease charging automatically when charge is full.

WHAT HAPPENS IF I REMOVE THE BATTERY FROM THE CHARGER BEFORE THE BATTERY HAS COMPLETED CHARGING?

It is okay if batteries are removed from the charger before charge is completed. For best battery life, use partial charge & discharge cycles when possible. Lead-Acid and other older styles of batteries may be damaged if partially charged often, however Lithium Ion batteries work best with partial charge & discharge cycles.

HOW WILL DIFFERENT SPRAY PRESSURES AFFECT MY BATTERY LIFE?

In general, spraying at lower pressure will extend battery run time. For example, a sprayer operating at 135 bar will provide roughly 1-2 liters longer run time on a single charge compared to the same sprayer operating at 227 bar.

CAN I USE OTHER TIPS BESIDES RAC X LP AND FFLP TIPS?

Yes, the GX21 & Classic 390 PC Cordless is able to use all of the same tips as their corded counterparts. This includes PAA, LTX, WIDE RAC, FFLP, LP, and more. We ship this unit with low pressure tips because low pressure tips allow the contractor to turn down the pressure up to 50% to extend battery runtime, reduce over spray, and extend tip & sprayer component life.



HOW WILL DIFFERENT TIP SIZES AFFECT MY BATTERY LIFE?

In general, using smaller tip sizes will cause shorter battery life compared to using larger tip sizes when operating under the same conditions (i.e. same hose lengths, pressure settings, etc.). For example, a 0.013" tip will provide roughly 1 liter less than a 0.021" tip orifice when sprayed with the same pressure setting, hose length, hose diameter, material, etc.

CAN I USE DIFFERENT HOSE LENGTHS AND DIAMETERS?

Yes, the corded & cordless units are able to use all of the same hose lengths and diameters.

HOW WILL DIFFERENT HOSE LENGTHS AFFECT MY BATTERY LIFE?

In general, longer hose lengths reduce battery life per charge.

CAN I SPRAY SOLVENT OR FLAMMABLE BASED MATERIALS WITH THIS SPRAYER?

Only the Classic 390 PC Cordless can spray water-based materials, oil-based materials, solvent based materials, and flammable materials. When spraying oil-based, solvent or flammable materials, please use the grounding wire included with the sprayer. Simply clip the grounding wire to a properly grounded object.

The GX21 Cordless is recommended to only spray water- and oil-based materials.

* Please refer to sprayer manual for operation and warnings.

HOW WILL DIFFERENT MATERIALS AFFECT MY BATTERY LIFE?

In general, thicker viscosity materials cause shorter battery life compared to thinner viscosity materials.

HOW DOES HOT/COLD TEMPERATURE AFFECT BATTERY LIFE?

Optimal long-term storage (on the shelf) is recommended to 10°C to 30°C however batteries can operate between 0°C to 40°C. Usage outside this range may negatively affect battery life.

HOW DOES MY TRIGGERING PATTERN/SPRAY TECHNIQUE AFFECT BATTERY LIFE?

Triggering pattern/spray techniques do not have much of an effect on the total battery run time per charge.

CAN I USE MY AIRLESS HANDHELD CHARGER FOR THE FLEXVOLT BATTERY?

Yes. Both the DEWALT Standard Charger and the DEWALT Fan-Cooled Fast Charger will charge Handheld batteries, GX21 & Classic 390 PC Cordless batteries. The DEWALT Fan-Cooled Fast Charger (DCB118) charges batteries in roughly half the time compared to the DEWALT Standard Charger (DCB115).

WHAT BATTERIES CAN I USE IN MY GX21 & CLASSIC 390 PC CORDLESS?

The GX21 & Classic 390 PC Cordless sprayers operate with a 54V brushless DC motor, which requires a 54v power source. Due to this, these sprayers will only work when powered by a DEWALT FLEXVOLT 18v/54v Battery. The sprayers will be delivered with two 6.0 Ah FLEXVOLT batteries, and will be compatible with DEWALT FLEXVOLT 6.0 Ah, 9.0 Ah and 12.0 Ah options.

DOES GRACO OFFER ADDITIONAL OR REPLACEMENT BATTERIES & CHARGERS?

Yes, Graco offers both replacement batteries & chargers. It is recommended to purchase new batteries when run time drops below 80% of the original run times. To purchase new batteries & chargers from Graco, Inc., use the following part numbers;

- ▶ 20A163 – DEWALT FLEXVOLT 18v/54v 6.0 Ah Battery (EMEA)
- ▶ 20A166 – DEWALT Fan-Cooled Fast Charger (EMEA)



CAN I USE MY AIRLESS HANDHELD BATTERIES ON THE GX21 & CLASSIC 390 PC CORDLESS?

No. Our Handheld sprayers operate through a 18V system, which requires 18V batteries to operate. The GX21 & Classic 390 PC Cordless operates through a 54V system, which requires 54V batteries to operate, so you cannot use the 18V handheld batteries on these sprayers. Also, the 18V batteries use a different connection style which will not allow them to connect to the 54V system.

HOW LONG UNTIL I NEED TO REPLACE MY BATTERIES?

Overall battery life depends on usage and maintenance. DEWALT warranties their Lithium-Ion batteries for three years, however if you take care of the batteries you can expect them to last much longer.

WHAT IS THE WARRANTY ON THE BATTERIES & CHARGERS?

There will be a standard 3-year manufacturer's warranty on the batteries & chargers. For additional information on DEWALT Warranty, please visit;

- ▶ <https://www.dewalt.com/legal/warranty/general-warranty-information>

CAN I CHARGE MY BATTERIES FROM MY VEHICLE?

Most vehicles will be able to provide the power to charge the batteries. If unsure, please verify that the vehicle has at least a 360-watt power rating.

CAN THE GX21 & CLASSIC 390 PC CORDLESS SPRAYERS BE PLUGGED IN?

No. The sprayers are designed to run in 54v battery configuration only, so they cannot be plugged in or operate from other voltage batteries (i.e. 20v/36v/40v/72v/etc..). If contractors are still looking for a corded option, they can continue to purchase our corded models.

CAN I USE THE NEW AIRLESS FINISHING KIT, OR OTHER HOPPERS ON THIS UNIT?

Yes, you can with the Classic 390 PC Cordless.

The GX21 Cordless is not able to attach a hopper.

With the Cordless version you can also use any of the same guns, tips, tip sizes, hoses, etc. as with their Corded counterpart.

