STANDARD BATTERY
FOR USE WITH THE VANGUARD G5 EX PAPR

PRODUCT CODE: PRP-G5A-BATI

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The Vanguard G5 EX intrinsically safe lithium-ion battery delivers dependable power for the Vanguard G5 EX PAPR system used in hazardous and explosive environments. Designed for secure fitment to the blower, the battery supports adjustable airflow performance and includes a retained attachment system to help prevent accidental removal during operation.

The Vanguard G5 EX battery provides up to 11 hours runtime at standard airflow, with charging completed in approximately 2.5 hours.

SPECIFICATIONS

- **Battery type:** Rechargeable Lithium-ion
- **Capacity:** 6400mAh
- **Runtime*:** 11h (170+lpm), 9h (190+lpm), 7h (210+lpm)
- **Charging time:** Approx. 2.5 hours
- **Battery lifespan**:** ≥ 500 charge cycles
- **Storage:** –20°C to 55°C, RH <85%
- **Operation:** –20°C to 55°C, RH <90%
- **Charging temperature:** 0°C to 40°C (32°F to 104°F)

**Battery runtime may vary depending on airflow setting, filter load, particle concentration, gas and vapour exposure, environment, and working intensity.*

***Batteries are designed to retain 80% of their original capacity after 500 complete charge cycles, under ideal conditions. This means that after a certain number of charge cycles, the battery's ability to hold a full charge and deliver peak performance may diminish.*

PACKAGING

Unit: 1 | **Carton:** 10

STORAGE

- If storing for an extended period, remove the battery from the blower.
- Store in a dry, clean environment away from direct sunlight, high temperatures, fuel, solvents and vapours.
- Disconnect the charger once the battery is fully charged. Do not store the unit with the battery charging.

CHARGING & HANDLING

- Only charge the battery using the approved Vanguard G5 EX battery charger.
- The battery charger is not intrinsically safe.
- Do not charge, remove, replace or disassemble the battery in a hazardous location.
- Battery changes must only be performed in a known non-hazardous area.
- Inspect the battery housing, contacts and blower connection points before use.
- Ensure the battery is fully inserted and secured before operation.
- If the battery is low, the blower will activate visual, audible and vibration alarms. Leave the contaminated area before removing or charging the battery.

STANDARDS

- Compliant with IEC/EN 62133 under the new battery safety regulation (EU) 2023/1542; IEC/EN61000 under the EMC Directive 2014/30/EU and EC/EN 62321 under the RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

CE RoHS

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