

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #5 Tools & Equipment
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TOPIC #25 Milwaukee Portable Batteries 18v

All companies that are issued portable battery powered lights or hydrant pumps will also have portable batteries. Please follow these guidelines.

- Store batteries and charger in a cool, dry location.
- To protect itself from damage and extend its life, the battery pack's intelligent circuit monitors current draw and temperature.
- Under extreme circumstances, the internal temperature of the battery could become too high. If this happens, the fuel gauge lights will flash in an alternating pattern and the tool will not run. Allow the battery to cool down.
- **COLD TEMPERATURE** - In temperatures below freezing. When the battery pack is too cold, it may need to warm up before normal use. Put the battery on a tool and use the tool in a light application. It may "buzz" for a short time until it warms up. When the buzzing stops, use the tool normally.



Fuel Gauge Lights	Diagnosis	Solution
Lights 1 - 4 Solid	Remaining run time	Continue working
1 Light, flashing slowly	Less than 10% run time left	Prepare to charge pack
1 Light, flashing quickly	End of discharge	Charge pack
Lights 1-4, flashing quickly	Current draw too high	Release trigger and restart, reduce pressure
Lights 1&3 / 2&4, flashing alternately	Battery temperature too high	Release trigger and allow battery to cool