

EVERY POWER SOURCE STARTS WITH SAFETY

No matter which power source you use, these tips and insights can help you keep both your equipment and operation going strong.



THIN PLATE PURE LEAD (TPPL)

Handling and Storage

- Wear safety glasses when handling batteries.
- Store battery in a cool, dry location.
- If storage is expected to be longer than 3 months, disconnect from vehicle.
- Recycle spent batteries per applicable codes and regulations.

Charging

- Wear safety glasses when charging batteries.
- Make sure you have adequate ventilation.
- Do not expose battery to spark or flame.
- Make sure the charger is off before disconnecting from the battery.



LITHIUM-ION BATTERIES

Handling and Storage

- Keep in original packaging until use. Wear a face shield and fire protection PPE. Dispose of batteries per applicable regulations. To learn about proper disposal for your state, visit www.call2recycle.org/recycling-laws-by-state.
- Storage area temperature should be below 86°F (30°C).

In Case of Emergency

- If eye contact occurs, flush eyes with water for 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- If skin contact occurs, remove contaminated clothing and rinse skin for 15 minutes. Get medical aid.
- For ingestion, drink two or more glasses of milk or water. Induce vomiting if possible.
- For inhalation, move to fresh air immediately. Use oxygen if available.



LEAD-ACID

Handling and Storage

- Avoid tipping. Keep containers closed when not in use, vent caps on and terminals covered.
- Wear a face shield and fire protection PPE.
- Your storage space should have water-resistant surfaces and adequate containment in the event of a spill. Keep away from fire, sparks, heat and metallic objects.

Charging

- Before detaching any circuit connection, ensure that power to the charger is off.
- Make sure you have adequate ventilation.
- Wear a face shield and fire protection PPE.
- Avoid smoking or other sources of ignition.



PROPANE GAS

Handling and Storage

- Cylinders should be refilled outside while off the truck.
- Hoses should not extend beyond the extremities of the truck and should be protected from abrasion or sharp edges.
- Cylinders should be stored correctly and changed carefully outside, away from high traffic or busy areas and away from any source of ignition or extreme heat. No smoking!
- Report leaks immediately and dissipate vapors. Shut off valves and remove cylinder from service.
- Wear a face shield, fire protection PPE and Cryo-gloves (Butyl or PVC).
- When forklift is parked and not in service, turn the tank valve off.
- Exercise diligence in checking cylinders for leaks, signs of rust and wear.
- Never use a damaged cylinder.



GAS AND DIESEL

Refueling

- Have a designated area for refueling – no smoking!
- Class B fire extinguishers should be installed near the refueling area.
- If possible, appoint a designated person for refueling all equipment to ensure consistent application of best practices.
- Shut off the engine and lower your forks before refueling.
- Wear a face shield and fire protection PPE.
- After refueling, clean any overspill up with a cloth.



HYDROGEN FUEL CELLS

Handling and Storage

- Store in a secure location that is clean and dry.
- Refer to the operators/service manual for proper storage temperature and environmental conditions.
- Eliminate all ignition sources within 25 feet of the storage area.
- Do not perform hot work (work that requires open flame) within 25 feet of the storage area.



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