

-40°C ~ -20°C

IP67 Anti-Freeze

Lithium Battery for Forklifts

Power through the breeze. Unstoppable energy for your forklift in the cold.



Waterproof Cable Glands

- Less Capacity Loss
- Uncompromising Charging Efficiency
- Eco-friendliness



IP67 Ingress Protection

External waterproof cable glands with seal rings for superior water tightness



Anti-Condensation Design

Effective water absorption designs keep the inside battery box dry



Intelligent BMS

Designed for peak efficiency, intelligent management and safe protections



Lasts Longer

Have up to 10 years of lifespan. Withstand up to 3,500 cycles



On-Board Thermal Insulation

Covered with quality thermal insulation design to avoid capacity loss



Pre-Heating Function

Warm the battery for optimal charging even at a low temperature



Opportunity Charging and Fast Charging

Can recharge in a short break to deal with multi-shift operations



Zero Maintenance

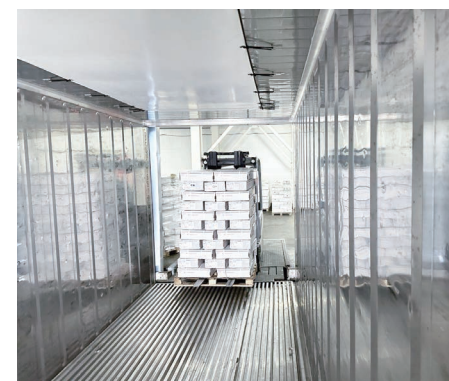
No need for water top-ups or electrolyte checks. No frequent battery swaps.



Applications

Many products require constant refrigeration. Medicines, Food, Meat, Fruits, Vegetables, Dairy, and beverages require cold transportation as well as cold storage. For material handling in such cold storage warehouses,

ROYPOW cold storage lithium-ion battery solution is the best choice.



Cold Storage Battery System Specification:

Rated Voltages:
24 V, 36 V, 48 V, 72 V, 80 V, 96 V

Discharging temperature range:
-20°C to +55°C

Available battery system energy content:
2.56 kWh-116 kWh

Cold storage temperature range:
-40°C to +55°C

Charger Specification:

Rated Voltages:
24 V, 36 V, 48 V, 72 V, 80 V, 96 V

Working temperature range:
-20°C to +50°C

Input:
220V AC single phase or 400V AC three phase

Working humidity:
0%-95%RH

Available charging current:
50A to 400A

NOTE: Charger need to be placed outside cold storage warehouse.