

Introduction

KBLI24360PTA lithium-ion batteries are suitable for the electric pallet trucks with brand of NOBLELIFT/ JIALIFT/ HELI. Our pallet truck batteries offer the highest power and energy density in its class, providing reliable performance in demanding, high-intensity applications. It features a low self-discharge rate and an exceptional cycle life, allowing it to outlast alternative power sources.

Operational time can be extended thanks to its fast and easy charging (recharge whenever you want for as long as you want). All pallet truck batteries are securely located in battery compartments to avoid any accidental movement for enhanced power supply reliability.




Features

- LONGER CYCLE LIFE – Proven LiFePO4 chemistry, maximum cycle life for deep cycle and standby application.
- HIGH SAFETY – over-charge protection, over-discharge protection, high temperature protection, short-circuit protection, etc.
- HIGH ENERGY DENSITY – Delivers up to 4X the energy density of conventional lead acid batteries.
- HIGHER PRODUCTIVITY – Thanks to the battery's lightweight and its easy replacement system, it is possible to do twice the work in half the time.
- Integrated Smart Battery Management System(BMS) – The battery management system provides mandatory control of all key battery parameters while charging and operating. The BMS communicates with the pallet truck electronic control system via CAN-BUS.
- QUALITY MATERIALS – This pallet truck's battery case is made of 70% PC/ABS and 30% fiberglass.
- EASY ACCESS – Positioning the battery inside the compartment is simple and easy, thanks to a specially designed guiding system.



General Specifications

Item	Description
Model	KBLI24360PTA
Battery Picture	
Pallet truck Model	Noblelift EDEG series
Nominal Voltage	25,6V
Nominal Capacity	36Ah@0.5C discharging 0.5C charging
Charge Voltage	29,2V
Charge Current (Standard)	12A
Charge Current (Max.)	13A
Max. Discharge Current	40A(20min)
Discharging Cut-Off Voltage	20,8V
Dimensions (W x D x H)	284±1mm*76±1mm*380±1mm
Charging Duration	Standard charging: 3-4h
Cycle Life	800cycles ≥80% DOD
Internal Resistance	≤35mΩ
Battery Weight	7.5±0.2Kg
Operation Temperature	Charging: 5°C ~ 40°C Discharging: -20°C ~40°C
Energy Density	115 Wh/Kg