

Power lithium battery

Forklift lithium battery series

ALLGRAND®

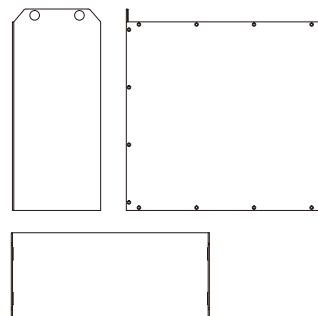
Power the World



Brief Introduction

Using long-life span LifePo4 materials, specially designed for forklift. Built-in IMS offers a security protection and management system make the battery be monitored on time.

Product Appearance



Product features

- Intelligent monitoring: supervise each single cell through BMS system.
- Effective energy storage and fast incharge;
- Discharge rapidly by using high-rate LifePo4 cells, above 3000 cycles long lifespan, 80% DOD.
- No pollution to the environment: safe and non-toxic, without any heavy metals and rare metals.

Certificates

- ☑ ISO9001:2015
- ☑ ISO14001:2015
- ☑ ISO45001:2018
- ☑ YD/T 2344.1-2011
- ☑ IATF16949:2016
- ☑ GB/T29490-2013
- ☑ GB/T31467.3-2015
- ☑ QB/T2947.3-2008

Applications



Electric Pallet Stacks



Electric Forward Forklift



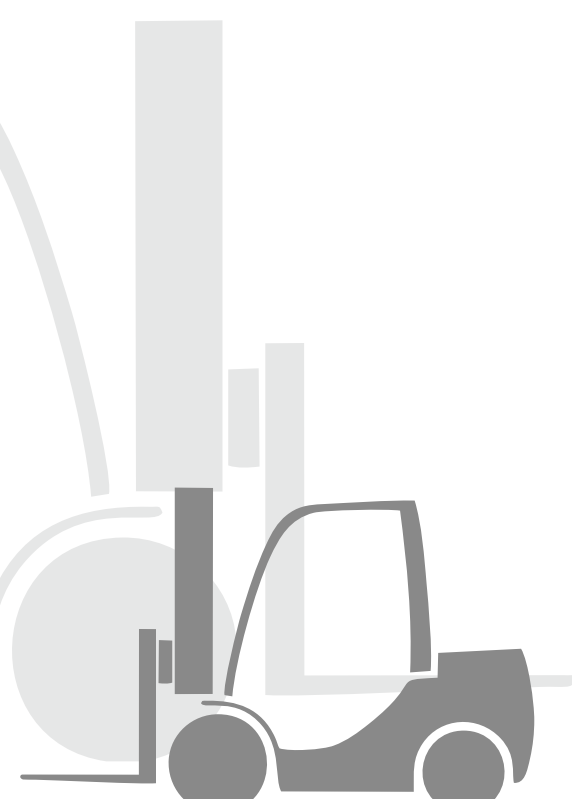
Electric Pick Truck



Electric Balanced Forklift



Electric Pallet Carrier



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Specifications

Model	0.5T		1T	
Name	24V40Ah	24V50Ah	24V100Ah	24V200Ah
Normal Voltage(V)	25.6	25.6	25.6	25.6
Capacity (Wh)	1	1.28	2.56	5.12
L(mm)	550	550	624	624
W(mm)	68.5	68.8	146	218
H(mm)	400	450	525	537
W(kg)	20	30	60	100
Working Voltage (V)	20-29.2	20-29.2	20-29.2	20-29.2
Charging Voltage (V)	29.2	29.2	29.2	29.2
Incharge Current (V)	20	25	25	100
Discharge Current (V)	40	50	100	200
Cycle Life	5-8Years			

Model	1.5-2.5T		3-3.5T	
Name	48V300Ah	48V360Ah	80V300Ah	80V500Ah
Normal Voltage(V)	51.2	51.2	83.2	83.2
Capacity (Wh)	15.36	117.28	24.9	41.6
L(mm)	820	812	958	958
W(mm)	390	737	675	675
H(mm)	460	470	670	670
W(kg)	300	400	500	600
Working Voltage (V)	40-54.4	40-54.4	65-87	65-87
Charging Voltage (V)	58.4	58.4	94.9	94.9
Incharge Current (V)	≤150	≤150	≤150	≤150
Discharge Current (V)	≤150	≤150	≤150	≤150
Cycle Life	5-8ears			

Disclaimer: The above data is only used to summarize product performance, and may not be applicable to any battery. Relevant parameters are subject to change without notice. For the latest information, please contact Aoguan in time.