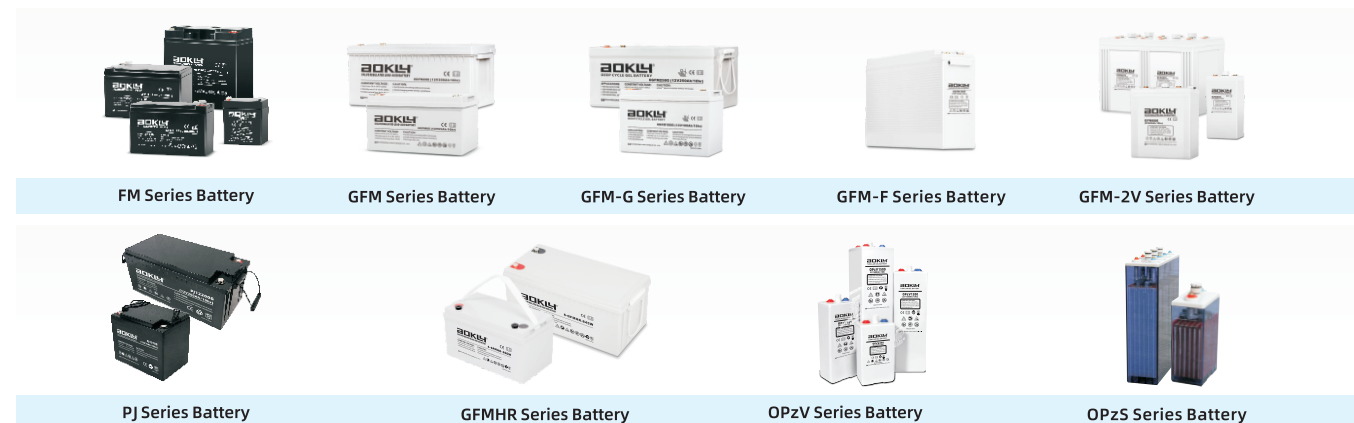


►► Full Range of Industrial Valve Regulated Batteries



►► Full Range of Lithium Battery Systems



►► Full Range of Automotive Batteries

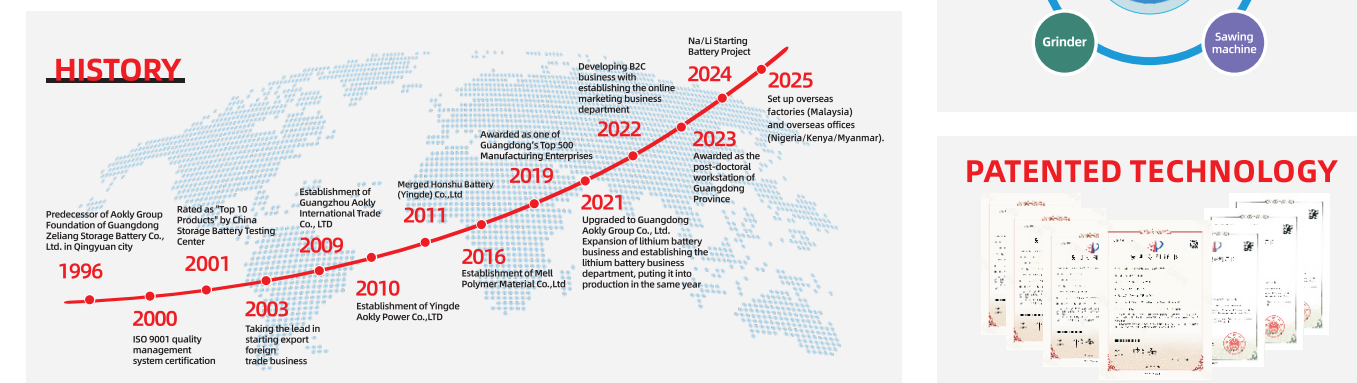
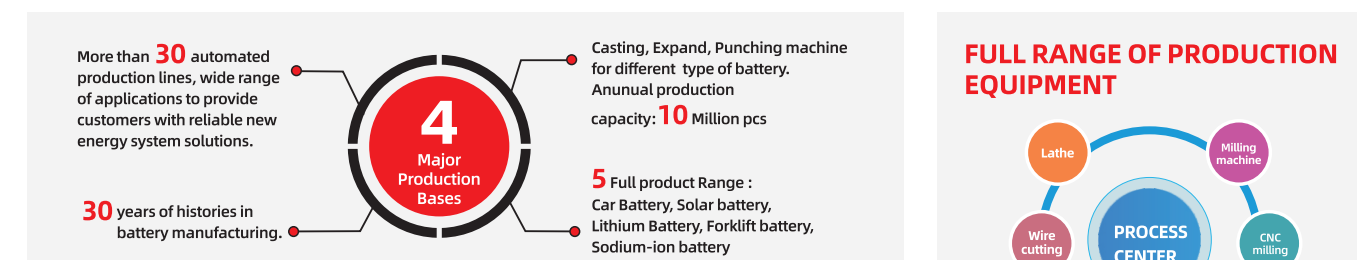


►► Full Range of Forklift Batteries



COMPANY PROFILE

Founded in 1996, Aokly Group is headquartered in Qingyuan City, Guangdong Province, with a marketing center in Guangzhou. Aokly has several subsidiaries, including Guangdong Aokly Group Co., Ltd., Honshu Battery (Yingde) Co., Ltd., Yingde Mell Polymer Materials Co., Ltd., and Guangzhou Aokly International Trade Co., Ltd. With integrated R&D, production, and sales operations, Aokly Group is one of the largest battery manufacturers in South China.



Technical Parameter

High Voltage Stackable Lithium Battery

Model	ALFP-204100	ALFP-307100	ALFP-384100	ALFP-410100	ALFP-512100
Rated Voltage	204.8V	307.2V	384V	409.6V	512V
Rated Capacity	100Ah				
Rated Energy	20480Wh	30720Wh	38400Wh	40960Wh	51200Wh
Dimensions	552.5*515*772	552.5*515*1252	550*1415*515	550*1415*515	552.5*1732*515
Weight	208.1kg	356kg	395kg	405kg	520kg
Recommended Charging Voltage	233.6V	358.4V	438V	460.8V	576V
Recommended Charging Current	50A	50A	50A	50A	100A
Max. Charging Current	100A				
Recommended Discharging Current	50A				
Max. Discharging Current	100A				
Discharge Cut-off Voltage	172.8V	259.2V	312V	345.6V	416V
Combination Method	64S1P	96S1P	120S1P	128S1P	160S1P



Residential Energy Storage System

Technical Parameter

Model	ALFP-48100H	ALFP-48150H	ALFP-48200H	ALFP-48200F	ALFP-48300F	ALFP-48400F
Specification	51.2V100Ah	51.2V150Ah	51.2V200Ah	51.2V200Ah	51.2V300Ah	51.2V400Ah
Rated Voltage	51.2V					
Rated Capacity	100Ah	150Ah	200Ah	200Ah	300Ah	400Ah
Rated Energy	5.12KWh	7.68KWh	10.24KWh	10.24KWh	15.36KWh	20.48KWh
Dimensions (mm)	442*600*170	600*500*150	580*800*170	740*450*260	811*450*260	900*450*260
Weight	49KG	62KG	97KG	90KG	119KG	140KG
Recommended Charging Voltage	57.6V					
Recommended Charging Current	20A	30A	40A	40A	60A	80A
Max. Charging Current	100A	100A	200A	200A	200A	200A
Recommended Discharging Current	50A	75A	100A	100A	150A	150A
Max. Pulse Current	120A(3S)	120A(3S)	220A(3S)	220A(3S)	220A(3S)	220A(3S)
Discharge Cut-off Voltage	43.2V					
Combination Method	16S1P	16S1P	16S2P	16S1P	16S1P	16S1P



Technical Parameter

C&I Energy Storage Solution

Item	Parameters	Remark
Nominal Energy	215kWh	0.5CP
Nominal Capacity	300Ah	
Nominal Voltage	DC 768V	
Work Voltage Range	648V~876V	2.5~3.65
Series And Parallel	1P224S	14pcs Battery Pack
Rated Charging Current	100A	0.33C
Maximum Constant Charge Current	150A	25±5°C, 0~100%SOC
Rated Discharge Current	100A	0.33C
Maximum Constant Discharge Current	160A	25±5°C, 3.0~3.45V
Size	420*231*750mm	Dimensions without connectors & handles
	420*231*750mm	Dimensions include connectors & handles
Weight	2350kg	±50kg
Cabinet Outer Dimensions	H2060*D1270*L1610mm	±20mm



Start-stop Lithium-ion Automotive Battery

Technical Parameter

Model	H5-60-L-AL	H6-70-L-AL	H7-80-L-AL	H8-92-L-AL	H9-105-L-AL
Cell Type	LiFePO4				
Rated Voltage	12.8V				
Rated Capacity	54Ah	54Ah	54Ah	81Ah	81Ah
Rated Energy	648Wh	648Wh	648Wh	972Wh	972Wh
Cycle Life	≥3000cycle @80%DOD@25°C				
Charge Voltage	14.4V				
Charge Current (Max.)	50A	50A	50A	60A	60A
CCA	750A-5S	850A-5S	850A-5S	980A-5S	980A-5S
Plastic Case	ABS				
Dimensions (mm.)	244*175*189	280*176*185	315*176*187	354*176*187	397*176*187
Weight (kg.)	7.3	7.4	8.1	10.5	11



Technical Parameter

Start-stop Sodium-ion Automotive Battery

Model	H6-70-L-AS2	H7-80-L-AS2	H8-92-L-AS2
Rated Voltage	12V		
Rated Energy	252Wh	336Wh	504Wh
Discharge Efficiency	96%~99%@1C		
Charge Voltage	15.8±0.2V		
CCA	700A	700A	900A
Battery Dimensions (mm.)	280*176*185	315*176*187	354*176*187
Weight (kg.)	6.4	7.5	9.8
IP Class	IP 65		
Plastic Case	ABS		



Lithium Battery For Cleaning Equipment

Technical Parameter

	MODEL	ALFP-2450	ALFP-2480	ALFP-24100	ALFP-24150	ALFP-24200
Basic Parameters	Rated Voltage	25.6V				
	Rated Capacity	50Ah	80Ah	100Ah	150Ah	200Ah
	Rated Energy	1280wh	2048wh	2560wh	3840wh	5120wh
Charge	Charge Current (Recomm.)	20A	20A	30A	30A	40A
	Charge Current (Max.)	30A	40A	50A	100A	100A
Discharge	Discharge Current(Max.)	50A	100A	120A	150A	200A
	Pulse Current	75A(3S)	120A(3S)	150A(3S)	200A(3S)	250A(3S)
Physical Characteristics	Dimensions (in. /mm.)	249*184*160	320*285*190	345*280*222	337*358*207	397*266*276
	Weight (lbs. /kg.)	14kg	22kg	24kg	28kg	32kg



Technical Parameter

High-rate battery

NO.	ITEMS	VOLTAGE	CAPACITY C 10	DIMENSION(mm)				REFERENCE WEIGHT (KGS)	TERMINAL
	NO	VOLT	AH/10HR	Length	Width	Height	Total Height		TYPE
1	6-GFMHR-300W	12	70	260	170	221	226	25.6	Φ18×M8
2	6-GFMHR-400W	12	100	329	172	216	221	34.0	Φ18×M8
3	6-GFMHR-550W	12	150	483.5	170.5	241	241	47.0	Φ20×M8
4	6-GFMHR-620W	12	160	483.5	170.5	241	241	51.3	Φ20×M8
5	6-GFMHR-660W	12	180	522	239	216	221	59.5	Φ20×M8
6	6-GFMHR-705W	12	185	522	239	216	221	62.5	Φ20×M8
7	6-GFMHR-750W	12	195	522	239	216	221	65.6	Φ20×M8
8	6-GFMHR-800W	12	210	522	239	216	221	68.7	Φ20×M8
9	6-GFMHR-845W	12	220	522	239	216	221	72.3	Φ20×M8

