

AMAXPOWER

Safe Energy Storage Batteries for You

中碩國際集團

AMAXPOWER INTERNATIONAL GROUP LIMITED

AMAXPOWER NEW ENERGY TECH CO., LTD

Address: Building 3, Ecology Park, 6099 Bao'An Avenue, Bao'An District, Shenzhen, Guangdong, China

Tel: +86-755-27087972

Fax: +86-755-27087970

Email: Sales@amaxbattery.com



Website



Wechat



PRODUCT CATALOG LEAD-ACID BATTERY

www.amaxpowerbattery.com

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AMAXPOWER

About us

Founded in 2005, Amaxpower International Group is a high-tech enterprise headquartered in ShenZhen, China and has 3 battery manufacturing base in Guangdong (China), Hunan (China) and Vietnam, with over 6,000 employees, producing full range of valve regulated lead acid (VRLA) batteries, including AGM Batteries, Gel Batteries, Lead Carbon and Deep Cycle Batteries, Front Terminal Batteries, OPzV Batteries, OPzS Batteries, Traction (DIN/BS) Lead Acid Batteries, Lithium (LiFePO4) Batteries and Solar Panel and so on for all kinds of industrial applications like Energy Storage Systems, Solar Systems, Wind Energy Systems, UPS, Telecom, Communication electricity, Data Centers, Rail Transit, Motive Vehicles and other strategic emerging industries, etc. The Company have experienced management team and manufacturing team that has been at the forefront of manufacturing technology in the battery field, and is one of the large-scale storage battery manufacturers in china.

Amaxpower owns key technologies of core intellectual property rights and more than 60 automated production lines, which introduce internationally advanced production and testing equipment from Canada, Italy, the United States, South Korea, Germany, and Japan. Amaxpower passes and implements ISO9001 quality management system certification, IATF16949 automotive industry quality management system certification, ISO 14001 environmental system certification and ISO45001 occupational health & safety system certification, and has also obtained CE certification, FCC, TLC report, ship inspection certificate, electric power certification, IEC61427 for VRLA battery, IEC60095 for automotive battery, IEC62619 for lithium battery and other international and domestic and industry certification. Amaxpower has won many national, provincial and municipal honors such as high-tech enterprise, specialized new enterprise, national green design product, Guangdong famous brand product, Guangdong engineering technology research center, Guangdong doctoral workstation, etc., and actively participated in the formulation of a number of national industry standards, authorized a number of invention patents.

Amaxpower products sell well in mainland and abroad. overseas markets are exported to over hundreds of countries such as: the United States, Brazil, Italy, Germany, Spain, Russia, Iran, South Korea, Thailand, South Africa, etc.

Amaxpower adheres to the "customer foremost, quality foremost" service philosophy, all staff pursue excellence and provide customers with reliable new energy system solutions, and contribute to the development of the new energy industry.

Welcome customers to visit us and inquire of ODM/OEM orders!

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19 +

Years of Experience



60+

Automated Production Lines



3

Battery Manufacturing Base



6000+

Employees

HC Series

LEAD CARBON BATTERIES



HC Series Lead Carbon Batteries

HC Series Lead Carbon battery uses functional activated graphene as high-level carbon materials, which are added to the negative plate of the battery to make the lead carbon battery with the advantages of both lead-acid batteries and super capacitors. Meanwhile, it is adopted the technology of nano Silica GEL and one-time Gel filling technology & formation, which not only improves the ability of rapid charge and discharge, but also greatly extends the cyclic life. This lead carbon series of batteries are specially designed for daily cycle use, are more suitable for renewable energy storage or where commercial power is unstable.

- Voltage: 2V, 6V, 12V
- Capacity: 2V 200-3000Ah; 6V 200-400Ah; 12V 75-250Ah
- Cyclic usage: 80% DOD >2000 cycles
- Wide operation temperature: -30°C~60°C
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. It uses functional activated carbon and graphene as carbon materials, which are added to the negative plate of the battery, so that the lead-carbon battery has the advantages of both lead-acid batteries and supercapacitors.
2. It not only has the ability to charge and discharge quickly, but also significantly extends the battery life through the non-layered protection of pure gel.
3. This series of batteries are more suitable for PSOC working conditions of energy storage applications.

Applications

- Household energy storage system
- Solar and wind energy storage system
- Distributed energy storage system
- Smart grid and micro grid system
- Solar power generation and off grid energy storage system
- Combined energy storage system of generator set and battery pack
- New energy communication base station, Core computer room, IDC, UPS



Technical Data

Technical Data HC Series Lead Carbon Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions								Terminal Type
			Kg	lbs	Length		Width		Height		Total Height		
					mm	inch	mm	inch	mm	inch	mm	inch	
HC2-200	2	200	11.2	24.69	170	6.69	106	4.17	330	12.99	342	13.46	T5
HC2-300	2	300	16.3	35.94	170	6.69	150	5.91	330	12.99	342	13.46	T5
HC2-400	2	400	19.5	42.99	196	7.72	171	6.73	330	12.99	342	13.46	T5
HC2-500	2	500	26	57.32	241	9.49	171	6.73	330	12.99	342	13.46	T5
HC2-600	2	600	30.2	66.58	285	11.22	171	6.73	330	12.99	342	13.46	T5
HC2-800	2	800	39.3	86.64	383	15.08	171	6.73	330	12.99	342	13.46	T5
HC2-1000	2	1000	52	114.64	471	18.54	171	6.73	330	12.99	342	13.46	T5
HC2-1500	2	1500	81.5	179.68	355	13.98	337	13.27	330	12.99	342	13.46	T5
HC2-2000	2	2000	108	238.1	476	18.74	337	13.27	330	12.99	342	13.46	T5
HC2-3000	2	3000	162	357.15	696	27.40	340	13.39	330	12.99	342	13.46	T5
HC6-200	6	200	31	68.34	306	12.05	168	6.61	220	8.66	226	8.90	T5
HC6-205	6	205	30	66.14	260	10.24	180	7.09	246	9.69	252	9.92	T5
HC6-225	6	225	32.5	71.65	243	9.57	187	7.36	275	10.83	275	10.83	T5
HC6-230	6	230	34.2	75.4	260	10.24	180	7.09	265	10.43	272	10.71	T5
HC6-280	6	280	45.8	100.97	295	11.61	178	7.01	346	13.62	350	13.78	T5
HC6-300	6	300	46.5	102.51	295	11.61	178	7.01	346	13.62	350	13.78	T5
HC6-340	6	340	55	121.25	295	11.61	178	7.01	404	15.91	408	16.06	T5
HC6-380	6	380	56.7	126.1	295	11.61	178	7.01	404	15.91	408	16.06	T5
HC12-75	12	75	26	57.32	260	10.24	169	6.65	211	8.31	215	8.46	T3
HC12-90	12	90	30	66.14	307	12.09	169	6.65	211	8.31	215	8.46	T3
HC12-100	12	100	32	70.55	328	12.91	172	6.77	218	8.58	222	8.74	T4
HC12-110	12	110	39	85.98	407	16.02	174	6.85	208	8.19	233	9.17	T5
HC12-120	12	120	40.5	89.29	341	13.43	173	6.81	281	11.06	281	11.06	T5
HC12-135	12	135	45.5	100.31	484	19.06	171	6.73	241	9.49	241	9.49	T4
HC12-150	12	150	46	101.41	483	19.02	170	6.69	241	9.49	241	9.49	T4
HC12-180	12	180	58.5	128.97	532	20.94	206	8.11	215	8.46	219	8.62	T4
HC12-200	12	200	64.8	142.86	522	20.55	240	9.45	219	8.62	224	8.82	T5
HC12-220	12	220	70.8	156.09	520	20.47	268	10.55	203	7.99	207	8.15	T5
HC12-250	12	250	77.5	170.86	520	20.47	268	10.55	220	8.66	224	8.82	T5

HD Series

DEEP CYCLE GEL BATTERIES

HD Series Deep Cycle Gel Batteries

HD Series Deep Cycle Gel Battery with 15-20 years floating design life, 30% more than standard Gel battery, and 50% more than Lead Acid AGM Battery. It is ideal for standby or frequent cyclic discharge applications under extreme environments. By using strong grids, high purity lead and patented Gel electrolyte, the HD series offers excellent recovery after deep discharge under frequent cyclic discharge use, and deliver 500 cycles at 100% depth of discharge (DOD), 1500-1600 cycles @ 50% DOD, more than 2000 cycles @ 30% DOD. Suitable for solar, CATV, marine, RV and deep discharge UPS, communication, and telecommunication, etc.

- Voltage: 2V, 6V, 12V
- Capacity: 2V 200-3000Ah; 6V 200-420Ah; 12V 24-250Ah
- Designed floating service life: 15-20 years @ 25°C/77°F
- Wide operation temperature: -30°C~60°C
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. It uses deep cycle design, 4BS lead paste technology, unique corrosion-resistant grid alloy, high-quality nano silica gel electrolyte, it is the best choice for backup and frequent cycle discharge applications in extreme environments; Designed for use in HOT and COLD places.
2. It adopts super corrosion-resistant alloy and unique patented grid structure, so can improve the lead plates corrosion-resistant performance in high temperature, high purity lead-tin alloy, reduce battery self-discharge rate and increase battery service life.
3. Heat sealing technique instead of glue sealing to increase the tightness and stability of battery.

Applications

Solar Energy System, CATV, Electric Powered Vehicles, Pumps, Golf Cars and Buggies, Tour bus, Sweeper, Floor cleaning machines, Wheel Chairs, Power Tools, Electric Powered Toys, Control System, Medical Equipments, UPS and Inverter systems, Solar and Wind, Servers, Telecom, Emergency and Security systems, Forklift, Marine and RV, Boat and so on.



Technical Data

Technical Data HD Series Deep Cycle Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions								Terminal Type
			Kg	lbs	Length		Width		Height		Total Height		
					mm	inch	mm	inch	mm	inch	mm	inch	
HD2-200	2	200	13.4	29.54	172	6.80	111	4.37	329	12.96	365	14.37	T5
HD2-300	2	300	18.6	41.01	171	6.70	151	5.94	330	13	365	14.37	T5
HD2-400	2	400	26	57.32	211	8.30	176	6.93	330	13	366	14.41	T5
HD2-500	2	500	31	68.20	242	9.50	172	6.80	331	13	356	14	T5
HD2-600	2	600	38	83.60	301	11.90	175	6.89	331	13	356	14	T5
HD2-800	2	800	52	114.64	411	16.10	175	6.89	330	13	356	14	T5
HD2-1000	2	1000	62	136.69	475	18.70	175	6.89	330	12.99	356	14.02	T5
HD2-1200	2	1200	66	145.50	475	18.70	175	6.89	330	12.99	356	14.02	T5
HD2-1500	2	1500	97	213.85	401	15.80	351	13.80	344	13.50	369	14.50	T5
HD2-2000	2	2000	130	286.60	491	19.30	351	13.80	344	13.50	369	14.50	T5
HD2-2500	2	2500	181	399.04	696	27.40	340	13.80	344	13.50	342	14.50	T5
HD2-3000	2	3000	191	421.08	712	28	353	13.90	343	13.50	369	14.50	T5
HD6-200	6	200	30.1	66.36	306	12.05	168	6.61	220	8.66	226	8.90	T5
HD6-210	6	210	29.6	65.26	260	10.24	180	7.09	247	9.72	252	9.92	T5
HD6-220	6	220	31.6	69.67	306	12.05	168	6.61	220	8.66	226	8.90	T5
HD6-225	6	225	30.6	67.46	243	9.57	187	7.36	275	10.83	275	10.83	T5
HD6-250	6	250	34.4	75.84	260	10.24	180	7.09	265	10.43	272	10.71	T5
HD6-310	6	310	46.2	101.85	295	11.61	178	7.01	354	13.94	350	13.78	T5
HD6-330	6	330	46.8	103.18	295	11.61	178	7.01	354	13.94	350	13.78	T5
HD6-380	6	380	55.4	122.14	295	11.61	178	7.01	404	15.91	408	16.06	T5
HD6-420	6	420	57	125.66	295	11.61	178	7.01	404	15.91	408	16.06	T5
HD12-24	12	24	7.8	17.20	166	6.54	126	4.96	175	6.89	175	6.89	T2
HD12-26	12	26	8.4	18.50	166	6.54	175	6.89	126	4.96	126	4.96	T2
HD12-33	12	33	10.1	22.27	196	7.70	131	5.16	155	6.10	168	6.61	T2
HD12-38	12	38	12.4	27.34	197	7.73	166	6.54	174	6.85	174	6.85	T2
HD12-40	12	40	13	29.70	197	7.73	166	6.54	174	6.85	174	6.85	T2
HD12-45	12	45	13.5	29.76	197	7.73	166	6.54	174	6.85	174	6.85	T2
HD12-50	12	50	15.9	35.05	229	9.02	138	5.43	211	8.31	216	8.50	T3
HD12-55	12	55	16.4	36.16	229	9.02	138	5.43	211	8.31	216	8.50	T3
HD12-65	12	65	20.3	44.75	350	13.80	166	6.54	179	7.05	179	7.05	T3
HD12-70	12	70	21.8	48.06	260	10.20	169	6.65	211	8.30	215	8.46	T3
HD12-75	12	75	22.2	48.94	260	10.20	169	6.65	211	8.30	215	8.46	T3
HD12-80	12	80	23.4	51.50	260	10.20	169	6.65	211	8.30	215	8.46	T3
HD12-90	12	90	27	59.40	307	12.10	169	6.65	211	8.30	215	8.46	T3
HD12-100	12	100	30	66	407	16	174	6.85	209	8.23	233	9.17	T3
HD12-100A	12	100	31.1	68.42	331	13.03	173	6.81	213	8.39	219	8.62	T3
HD12-120	12	120	34	74.96	407	16	174	6.85	209	8.23	233	9.17	T5
HD12-135	12	135	41	90.20	341	13.43	173	6.81	283	11.14	287	11.30	T5
HD12-150	12	150	43.7	96.34	484	19.10	171	6.73	241	9.49	241	9.49	T4
HD12-180	12	180	55.5	122.36	522	20.60	240	9.45	216	8.50	223	8.78	T4
HD12-200	12	200	58.5	128.97	522	20.60	240	9.45	216	8.50	223	8.78	T4
HD12-230	12	230	61.5	135.58	520	20.50	268	10.55	220	8.65	224	8.82	T4
HD12-250	12	250	70.3	154.98	520	20.50	268	10.55	220	8.66	224	8.82	T4
HDFT12-55	12	55	16.6	36.60	277	10.91	106	4.17	222	8.74	222	8.74	T2
HDFT12-80	12	80	25.5	56.22	562	22.10	114	4.49	188	7.40	188	7.40	T4
HDFT12-100	12	100	30	66.14	507	19.96	110	4.33	228	8.98	228	8.98	T4
HDFT12-105	12	100	30.4	67.02	395	15.51	110	4.29	287	11.29	287	11.29	T4
HDFT12-110	12	110	30.8	67.90	395	15.51	110	4.29	287	11.29	287	11.29	T4
HDFT12-125	12	125	38	83.78	551	21.70	109	4.29	239	9.41	239	9.41	T5
HDFT12-150	12	150	44	97	551	21.70	109	4.29	288	11.34	288	11.34	T4
HDFT12-160	12	155	45	99.21	551	21.70	109	4.29	288	11.34	288	11.34	T4
HDFT12-180	12	180	54.2	119.49	546	21.50	124	4.88	325	12.79	325	12.79	T5
HDFT12-200	12	200	57.2	126.10	546	21.50	124	4.88	325	12.79	325	12.79	T5

LD Series

DEEP CYCLE AGM BATTERIES

LD Series Deep Cycle AGM Batteries

LD Series Deep Cycle AGM Battery is specially designed for frequent cyclic discharge.uses different super-c additives in the positive plates and special AGM separators . By using strong grids and specially designed active material, the DC series battery offers 30% more cyclic life than the standby series. It is suitable for UPS, solar & wind energy, telecom system, electric power system, electric vehicles, golf cars, etc.

- Voltage: 2V, 6V, 12V
- Capacity: 2V 200-3000Ah; 6V 200-420Ah; 12V 24-250Ah
- Designed floating service life: 15~20years @25°C/77°F
- Wide operation temperature: -30°C~60°C
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. LD series deep cycle AGM battery is specially valve regulated sealed free maintenance deep cycle AGM battery with 12-15 years design life in float service, perfect choice for deep cycle use, 30% longer life than regular AGM battery, reliable for backup use and solar cycle use.
2. It adopts unique grid structure, special super corrosion-resistant alloy and unique active material formula, which can improve the efficiency, so LD series battery recover performance is excellent after deep discharge even discharge to empty, also with the advantage of high durability, enough capacity and long cycle life.
3. LD series battery adopts gas recombination technology and high reliable seal technology, ensure battery own super high seal reaction efficiency, no acid fog spill and no pollution.

Applications

Electric Powered Vehicles, Pumps, Golf Cars and Buggies, Tour bus, Sweeper, Floor cleaning machines, Wheel Chairs, Power Tools, Electric Powered Toys, Control System, Medical Equipments, UPS and Inverter systems, Solar and Wind, Servers, Telecom, Emergency and Security systems, Forklift, Marine and RV, Boat and so on.



Technical Data

Technical Data LD Series Deep Cycle AGM Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions								Terminal Type
			Kg	lbs	Length		Width		Height		Total Height		
					mm	inch	mm	inch	mm	inch	mm	inch	
LD2-200	2	200	13	28.66	172	6.80	111	4.37	329	12.96	365	14.37	T5
LD2-300	2	300	18.5	40.79	171	6.70	151	5.94	330	13	365	14.37	T5
LD2-400	2	400	26	57.32	211	8.30	176	6.93	330	13	366	14.41	T5
LD2-500	2	500	31	68.34	242	9.50	172	6.80	331	13	356	14	T5
LD2-600	2	600	37.7	83.11	301	11.90	175	6.89	331	13	356	14	T5
LD2-800	2	800	51.6	113.76	411	16.10	175	6.89	330	13	356	14	T5
LD2-1000	2	1000	62	136.69	475	18.70	175	6.89	330	12.99	356	14.02	T5
LD2-1200	2	1200	65.5	144.40	475	18.70	175	6.89	330	12.99	356	14.02	T5
LD2-1500	2	1500	96.5	212.75	401	15.80	351	13.80	344	13.50	369	14.50	T5
LD2-2000	2	2000	130	286.60	491	19.30	351	13.80	344	13.50	369	14.50	T5
LD2-2500	2	2500	180	396.83	696	27.40	340	13.80	344	13.50	342	14.50	T5
LD2-3000	2	3000	190	418.88	712	28	353	13.90	343	13.50	369	14.50	T5
LD6-200	6	200	30	66.10	306	12.05	168	6.61	220	8.66	226	8.90	T5
LD6-210	6	210	29.5	65.04	260	10.24	180	7.09	247	9.72	252	9.92	T5
LD6-220	6	220	31.5	69.45	306	12.05	168	6.61	220	8.66	226	8.90	T5
LD6-225	6	225	30.5	67.24	243	9.57	187	7.36	275	10.83	275	10.83	T5
LD6-250	6	250	34.5	76.06	260	10.24	180	7.09	265	10.43	272	10.71	T5
LD6-310	6	310	46	101.41	295	11.61	178	7.01	354	13.94	350	13.78	T5
LD6-330	6	330	46.6	102.74	295	11.61	178	7.01	354	13.94	350	13.78	T5
LD6-380	6	380	55.3	121.92	295	11.61	178	7.01	404	15.91	408	16.06	T5
LD6-420	6	420	56.8	125.22	295	11.61	178	7.01	404	15.91	408	16.06	T5
LD12-24	12	24	7.8	17.20	166	6.54	126	4.96	175	6.89	175	6.89	T2
LD12-26	12	26	8.4	18.50	166	6.54	175	6.89	126	4.96	126	4.96	T2
LD12-33	12	33	10.1	22.27	196	7.70	131	5.16	155	6.10	168	6.61	T2
LD12-38	12	38	12.4	27.34	197	7.73	166	6.54	174	6.85	174	6.85	T2
LD12-40	12	40	13	29.70	197	7.73	166	6.54	174	6.85	174	6.85	T2
LD12-45	12	45	13.5	29.76	197	7.73	166	6.54	174	6.85	174	6.85	T2
LD12-50	12	50	15.9	35.05	229	9.02	138	5.43	211	8.31	216	8.50	T3
LD12-55	12	55	16.4	36.16	229	9.02	138	5.43	211	8.31	216	8.50	T3
LD12-65	12	65	20.3	44.75	350	13.80	166	6.54	179	7.05	179	7.05	T3
LD12-70	12	70	21.8	48.06	260	10.20	169	6.65	211	8.30	215	8.46	T3
LD12-75	12	75	22.2	48.94	260	10.20	169	6.65	211	8.30	215	8.46	T3
LD12-80	12	80	23.4	51.50	260	10.20	169	6.65	211	8.30	215	8.46	T3
LD12-90	12	90	27	59.40	307	12.10	169	6.65	211	8.30	215	8.46	T3
LD12-100	12	100	30	66	407	16	174	6.85	209	8.23	233	9.17	T3
LD12-100A	12	100	31.1	68.42	331	13.03	173	6.81	213	8.39	219	8.62	T3
LD12-120	12	120	34	74.96	407	16	174	6.85	209	8.23	233	9.17	T5
LD12-135	12	135	41	90.20	341	13.43	173	6.81	283	11.14	287	11.30	T5
LD12-150	12	150	43.7	96.34	484	19.10	171	6.73	241	9.49	241	9.49	T4
LD12-180	12	180	55.5	122.36	522	20.60	240	9.45	216	8.50	223	8.78	T4
LD12-200	12	200	58.5	128.97	522	20.60	240	9.45	216	8.50	223	8.78	T4
LD12-230	12	230	61.5	135.58	520	20.50	268	10.55	220	8.65	224	8.82	T4
LD12-250	12	250	70.3	154.98	520	20.50	268	10.55	220	8.66	224	8.82	T4
LDFT12-55	12	55	16.6	36.60	277	10.91	106	4.17	222	8.74	222	8.74	T2
LDFT12-80	12	80	25.5	56.22	562	22.10	114	4.49	188	7.40	188	7.40	T4
LDFT12-100	12	100	30	66.14	507	19.96	110	4.33	228	8.98	228	8.98	T4
LDFT12-105	12	100	30.4	67.02	395	15.51	110	4.29	287	11.29	287	11.29	T4
LDFT12-110	12	110	30.8	67.90	395	15.51	110	4.29	287	11.29	287	11.29	T4
LDFT12-125	12	125	38	83.78	551	21.70	109	4.29	239	9.41	239	9.41	T5
LDFT12-150	12	150	44	97	551	21.70	109	4.29	288	11.34	288	11.34	T4
LDFT12-160	12	155	45	99.21	551	21.70	109	4.29	288	11.34	288	11.34	T4
LDFT12-180	12	180	54.2	119.49	546	21.50	124	4.88	325	12.79	325	12.79	T5
LDFT12-200	12	200	57.2	126.10	546	21.50	124	4.88	325	12.79	325	12.79	T5

OPzV Series

OPzV TUBULAR GEL BATTERIES

OPzV Series OPzV Tubular Gel Batteries

OPzV Series OPzV Solid-state Lead Battery (VRLA Tubular Gel Battery) is a new battery technology based on traditional lead-acid battery, which has been improved through technology research and development and countless practices. OPzV uses gas-phase nano silica as electrolyte to replace the sulfuric acid electrolyte of traditional lead-acid battery to form colloidal medium and then solidify. It not only ensures excellent conductivity, but also completely eliminates the leakage and volatilization of electrolyte, so as to prolong the service life of the battery and reduce the maintenance cost. The Battery is designed and manufactured according to DIN standards and with die-casting positive grid and patent formula of active material. OPzV series exceeds DIN standard values with 20~25 years floating design life at 25°C and is even more suitable for cyclic use under extreme operating conditions. This range is recommended for telecom outdoor applications, renewable energy systems and other harsh environment applications.

- Voltage: 2V, 12V
- Capacity: 2V 200-3000Ah; 12V 60-200Ah
- Designed floating service life: >20 years @ 25 °C/77 °F
- Cyclic usage: 80% DOD, >2000cycles
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. By combining the newly developed tubular positive plates with fumed gelled electrolyte, AMAXPOWER created the innovative OPzV range of batteries. The range offers 20 years design life and super high deep cycling capabilities.
2. Nano gas-phase silica solid-state electrolyte, 100% solid-state; Material safety: positive and negative electrodes, separators, electrolytes and other materials are fire and explosion-proof; EMS intelligent control management: ensure that the temperature rise of the battery does not exceed 40 °C and no thermal runaway.
3. Excellent deep discharge recovery capability; Low self-discharge rate and long shelf life.

Applications

Telecom ,Energy storage of wind and solar power generation, peak and frequency regulation of power grid, virtual power plant, peak valley price difference and power guarantee; Energy security for rural areas, charging pile + energy storage, UPS + energy storage, thermal power plant + energy storage, pumped energy storage + solid-state energy storage, etc.



Technical Data



Technical Data OPzV Series OPzV Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions						Terminal Type		
			Kg	lbs	Length		Width		Height			Total Height	
					mm	inch	mm	inch	mm	inch		mm	inch
OPzV2-200	2	200	17	37.48	103	4.06	206	8.11	354	13.94	390	15.35	T5
OPzV2-250	2	250	20.3	44.75	124	4.88	206	8.11	354	13.94	390	15.35	T5
OPzV2-300	2	300	24.4	53.79	145	5.71	206	8.11	354	13.94	390	15.35	T5
OPzV2-350	2	350	27.5	60.63	124	4.88	206	8.11	470	18.50	505	19.88	T5
OPzV2-420	2	420	32.5	71.65	145	5.71	206	8.11	470	18.50	505	19.88	T5
OPzV2-500	2	500	37	81.57	166	6.54	206	8.11	470	18.50	505	19.88	T5
OPzV2-600	2	600	44.2	97.44	145	5.71	206	8.11	645	25.39	680	26.77	T5
OPzV2-770	2	770	52.5	115.74	210	8.27	254	10	470	18.50	505	19.88	T5
OPzV2-800	2	800	60	132.28	191	7.52	210	8.27	645	25.39	680	26.77	T5
OPzV2-1000	2	1000	73.2	161.38	233	9.17	210	8.27	645	25.39	680	26.77	T5
OPzV2-1200	2	1200	87	191.8	275	10.83	210	8.27	645	25.39	680	26.77	T5
OPzV2-1500	2	1500	106.5	234.79	275	10.83	210	8.27	795	31.30	830	32.68	T5
OPzV2-2000	2	2000	144	317.47	399	15.71	214	8.43	772	30.39	807	31.77	T5
OPzV2-2500	2	2500	185	407.86	487	19.17	212	8.35	772	30.39	807	31.77	T5
OPzV2-3000	2	3000	220	485.02	576	22.68	212	8.35	772	30.39	807	31.77	T5
OPzV12-60	12	60	23	50.71	260	10.24	169	6.65	211	8.31	216	8.50	T11
OPzV12-80	12	80	30	66.14	328	12.91	172	6.77	215	8.46	220	8.66	T12
OPzV12-100	12	100	34.5	76.06	407	16.02	177	6.97	225	8.86	225	8.86	T12
OPzV12-120	12	120	44.6	98.33	483	19.02	170	6.69	241	9.49	242	9.53	T12
OPzV12-140	12	140	52.8	116.4	532	20.94	207	8.15	214	8.43	219	8.62	T12
OPzV12-160	12	160	57	125.66	532	20.94	207	8.15	214	8.43	219	8.62	T12
OPzV12-180	12	180	65	143.3	522	20.55	240	9.45	219	8.62	224	8.82	T5
OPzV12-200	12	200	69.5	153.22	521	20.51	268	10.55	220	8.66	225	8.86	T14

OPzS Series

OPzS FLOODED LEAD ACID BATTERIES

OPzS Series OPzS Flooded Lead Acid Batteries

OPzS Series is a flooded Lead Acid battery that adopts Tubular Plate technology to offer high reliability and performance. The Battery is designed and manufactured according to DIN40736-2/IEC60896-11 standards and with die-casting positive spine and patent formula of active material. OPzS series exceeds DIN40736-2/IEC60896-11 standard values with more than 20 years floating design life at 25°C. OPzS series is mainly designed for solar and wind energy storage, telecommunication, emergency power. etc.

- Voltage: 2V
- Capacity: 2V 200-3000Ah
- Designed floating service life: >20 years @ 25 °C/77 °F
- Cyclic usage: 80% DOD, >2000cycles
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. OPzS series provide excellent deep cycle life as well as extra-long float life, and recovery performance because of the tubular positive plate and flood electrolyte.
2. OPzS series is traditional tubular flood lead acid batteries. Special filter unit for acid fog proof and Special terminal sealed technology ,less sensitive to heat issues, Transparent containers can be convenient to observe,high quality and high safety battery.OPzS series is mainly designed for solar energy storage, telecommunication, emergency power. etc.
3. Tubular flooded technology battery, Special terminal sealed technology,Super long service life and low maintenance, Reliable and robust against harsh environments.

Applications

Telecom, Electric Utilities, Control Equipments, Security Systems, Medical Equipments, UPS systems, Railroad Utilities, hotovoltaic Systems, Renewable Energy System and so on.



Technical Data



Technical Data OPzS Series OPzS Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions								Terminal Type
			Kg	lbs	Length		Width		Height		Total Height		
					mm	inch	mm	inch	mm	inch	mm	inch	
OPzS2-200	2	200	17.5	38.58	103	4.06	206	8.11	354	13.94	409	16.10	T5
OPzS2-250	2	250	20.5	45.19	124	4.88	206	8.11	354	13.94	409	16.10	T5
OPzS2-300	2	300	23.3	51.39	145	5.71	206	8.11	354	13.94	409	16.10	T5
OPzS2-350	2	350	27	59.52	124	4.88	206	8.11	471	18.54	525	20.67	T5
OPzS2-420	2	420	32.5	70.55	145	5.71	206	8.11	471	18.54	525	20.67	T5
OPzS2-500	2	500	36	79.37	166	6.54	206	8.11	471	18.54	525	20.67	T5
OPzS2-600	2	600	42.8	94.36	145	5.71	206	8.11	645	25.39	700	27.56	T5
OPzS2-770	2	770	54.9	121.08	254	10	210	8.27	470	18.50	525	20.67	T5
OPzS2-800	2	800	58	127.87	191	7.52	210	8.27	645	25.39	700	27.56	T5
OPzS2-1000	2	1000	73.5	162.04	233	9.17	210	8.27	645	25.39	700	27.56	T5
OPzS2-1200	2	1200	85	187.39	275	10.83	210	8.27	645	25.39	700	27.56	T5
OPzS2-1500	2	1500	98	216.05	275	10.83	210	8.27	795	31.30	850	33.46	T5
OPzS2-2000	2	2000	146	321.87	399	15.71	212	8.35	772	30.39	826	32.52	T5
OPzS2-2500	2	2500	183	403.45	487	19.17	212	8.35	772	30.39	826	32.52	T5
OPzS2-3000	2	3000	218	480.61	576	22.68	212	8.35	772	30.39	826	32.52	T5

GM Series

SEALED LEAD ACID BATTERIES



GM Series Sealed Lead Acid Batteries

GM Series Sealed Lead Acid Battery is designed with AGM technology, high performance plates and electrolyte to gain extra power output for common power backup system applications widely used in the fields of UPS, Security and Emergency lighting system. GM Series are sealed and free maintenance whole life, valve regulated type standby AGM battery (VRLA battery, SLA battery and SMF battery).

- Voltage: 6V, 12V
- Capacity: 6V 4-12Ah; 12V 4-250Ah
- Designed floating service life: 8-10 years @25°C/77°F
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. GM series sealed lead acid battery with good AGM separator, high purity raw materials, tight assembly technology, unique corrosion resistance grid alloy. With a gas recombination efficiency of 99%, such batteries are completely maintenance free operation, non-spillable, no gassing, no need for replenishment.
2. It meets with IEC, JIS and BS standards. With up-dated AGM valve regulated technology and high purity raw materials, the GM series battery maintains high consistency for better performance and reliable standby service life. It is suitable for UPS/EPS, medical equipment, emergency light and security system applications.
3. Low self-discharge rate, Good high rate discharge performance Excellent deep discharge recovery capability.

Applications

Uninterruptible power supplies (UPS); Emergency Lighting Systems; Alarm Systems, Computers; Fire & security systems; Telecommunication systems; Inverter; Solar powered systems; Power Tools; Communication equipment; Electronic cash registers; Electronic test equipment; processor based office machines; Control equipment; Electric powered bicycle and wheelchairs; Geophysical equipment Marine equipment; Medical equipment; Portable cine & video lights; Television & video recorders Vending machines; Toys; Geophysical Equipment; Vending Machines; Other standby or primary power supplies.



Technical Data

Technical Data GM Series Sealed lead acid Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions								Terminal Type
			Kg	lbs	Length		Width		Height		Total Height		
					mm	inch	mm	inch	mm	inch	mm	inch	
GM6-4	6	4	0.68	1.50	70	2.76	47	1.85	101	3.98	106	4.17	F1/F2
GM6-4.5	6	4.5	0.73	1.61	70	2.76	47	1.85	101	3.98	106	4.17	F1/F2
GM6-5	6	5	0.75	1.65	70	2.76	47	1.85	101	3.98	106	4.17	F1/F2
GM6-7	6	7	1.10	2.43	151	5.94	34	1.34	94	3.70	100	3.94	F1/F2
GM6-10	6	10	1.60	3.53	150	5.91	50	1.97	94	3.70	100	3.94	F1/F2
GM6-12	6	12	1.72	3.79	150	5.91	50	1.97	94	3.70	100	3.94	F1/F2
GM12-4	12	4	1.33	2.93	90	3.55	70	2.76	101	3.98	106	4.17	F1/F2
GM12-4.5	12	4.5	1.45	3.20	90	3.54	70	2.76	101	3.98	106	4.17	F1/F2
GM12-5	12	5	1.50	3.31	90	3.54	70	2.76	101	3.98	106	4.17	F1/F2
GM12-7	12	7	2.10	4.63	151	5.90	65	2.56	94	3.70	100	3.94	F1/F2
GM12-7.5	12	7.5	2.15	4.74	151	5.94	65	2.56	94	3.70	100	3.94	F1/F2
GM12-8	12	8	2.25	4.96	151	5.94	65	2.56	94	3.70	100	3.94	F1/F2
GM12-9	12	9	2.45	5.40	151	5.94	65	2.56	94	3.70	100	3.94	F1/F2
GM12-10	12	10	3.05	6.72	151	5.94	99	3.90	96	3.78	102	4.02	F1/F2
GM12-12	12	12	3.35	7.39	151	5.94	99	3.90	96	3.78	102	4.02	F1/F2
GM12-17	12	17	5	11.02	181	7.13	77	3.03	167	6.57	167	6.57	T3
GM12-20	12	20	5.35	11.79	181	7.13	77	3.03	167	6.57	167	6.57	T2
GM12-24	12	24	7.4	16.31	166	6.54	126	4.96	175	6.89	175	6.89	T2
GM12-26	12	26	7.7	16.98	166	6.54	175	6.89	126	4.96	126	4.96	T2
GM12-33	12	33	10	22.05	196	7.70	131	5.16	155	6.10	167	6.57	T2
GM12-38	12	38	12	26.46	197	7.73	166	6.54	174	6.85	174	6.85	T2
GM12-40	12	40	12.3	27.12	197	7.73	166	6.54	174	6.85	174	6.85	T2
GM12-45	12	45	13.2	29.10	197	7.73	166	6.54	174	6.85	174	6.85	T2
GM12-50	12	50	15	33.07	229	9.02	138	5.43	211	8.31	216	8.50	T3
GM12-55	12	55	16.1	35.49	229	9.02	138	5.43	211	8.31	216	8.50	T3
GM12-65	12	65	19	41.89	350	13.80	166	6.54	179	7.05	179	7.05	T3
GM12-70	12	70	20.2	44.53	260	10.20	169	6.65	211	8.30	215	8.46	T3
GM12-75	12	75	21.5	47.40	260	10.20	169	6.65	211	8.30	215	8.46	T3
GM12-80	12	80	22.5	49.60	260	10	169	6.65	211	8.30	215	8.46	T3
GM12-90	12	90	26.3	57.98	307	12.10	169	6.66	211	8.31	215	8.47	T3
GM12-100A	12	100	28.3	62.39	330	12.99	172	6.77	213	8.39	220	8.66	T3
GM12-100	12	100	30	66.14	407	16	174	6.85	209	8.23	233	9.17	T3
GM12-120	12	120	34	74.96	407	16	174	6.85	209	8.23	233	9.17	T5
GM12-135	12	135	39	85.98	341	13.44	173	6.81	282	11.11	283	11.15	T5
GM12-150	12	150	40	88.18	484	19.10	171	6.73	241	9.49	241	9.49	T4
GM12-180	12	180	54	119.05	522	20.60	240	9.45	218	8.58	224	8.82	T4
GM12-200	12	200	58.5	128.97	522	20.60	240	9.45	218	8.58	224	8.82	T4
GM12-230	12	230	64	141.10	522	20.60	269	10.59	204	8.03	209	8.23	T4
GM12-250	12	250	69	152.12	520	20.50	268	10.55	220	8.66	225	8.86	T4

FT Series

FRONT TERMINAL AGM BATTERIES



FT Series Front Terminal AGM Batteries

FT (Front Terminal) Series is specially designed for telecom use with 12 years design life in float service. By adopting a new AGM separator and centralised venting system, the battery can be installed in any position while maintaining high reliability. The dimensions of the FT series is designed for 19" and 23" cabinet installation. It is suitable for UPS/EPS applications.

- Voltage: 12V
- Capacity: 12V 55-200Ah;
- Designed floating service life: 8~12years @25°C/77°F
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. FT series Front Terminal lead acid battery is mainly used in the area of communication, which is novel in design, reasonable in structure and occupying the leading position in the same industry of the world.
2. This AGM battery for telecom industry comes with slim shape design and front terminal connection. Thus, easy installation and maintenance can be ensured and space can be saved. Radial grid design plus tight assembly technology assures this rechargeable battery prominent high rate discharge performance.
3. FT series made from high purity materials, the front access AGM battery comes with extremely low self discharge. Our front access battery features unique design which makes it sure that the electrolyte volume can be hardly reduced during use and addition of water is not necessary in its service life.

Applications

- Suitable for 19inch and 23inch power cabinet.
- Used in telecom system including exchange board, microwave station, mobile base station, data center, radio and broadcast station.
- Great for power supply system of private network or LAN.
- Used as signal system battery and emergency lighting system battery.
- Perfect for EPS and UPS system.
- Solar and wind system.



Technical Data

Technical Data FT Series Front Terminal Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions						Terminal Type		
			Kg	lbs	Length		Width		Height			Total Height	
					mm	inch	mm	inch	mm	inch		mm	inch
FT12-55	12	55	16.6	36.60	277	10.91	106	4.17	222	8.74	222	8.74	T2
FT12-80	12	80	25	55.12	562	22.10	114	4.49	188	7.40	188	7.40	T4
FT12-100	12	100	29.5	65.04	507	19.96	110	4.33	228	8.98	228	8.98	T4
FT12-105	12	105	29.8	65.70	395	15.51	110	4.29	287	11.29	287	11.29	T4
FT12-110	12	110	30.5	67.24	395	15.51	110	4.29	287	11.29	287	11.29	T4
FT12-125	12	125	38	83.78	551	21.70	109	4.29	239	9.41	239	9.41	T5
FT12-150	12	150	43	94.80	551	21.70	109	4.29	288	11.34	288	11.34	T4
FT12-160	12	155	44.5	98.11	551	21.70	109	4.29	288	11.34	288	11.34	T4
FT12-180	12	180	53.5	117.95	546	21.50	124	4.88	325	12.79	325	12.79	T5
FT12-200	12	200	57	125.66	546	21.50	124	4.88	325	12.79	325	12.79	T5
FT12-200A	12	200	58	127.87	560	22.05	125	4.92	316	12.44	316	12.44	T5

CG Series

2V INDUSTRIAL AGM BATTERIES



CG Series 2V Industrial AGM Batteries

CG series is a general purpose battery with 10-15 years design life in float service. With heavy duty grids, thicker plates, special additives and updated AGM valve regulated technology, the CG series battery provides consistent performance and long service life. The new grid design effectively reduces the internal resistance, which provides higher specific energy density and excellent high rate discharge characteristics. It is suitable for communications back-up power and EPS/UPS applications.

- Voltage: 2V
- Capacity: 2V 100-3000Ah
- Designed floating service life: 10~15years @25°C/77°F
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. CG series of 2V VRLA AGM batteries up to 2V3000Ah are recognized as the most reliable and high quality battery system in the industry. They are designed with advanced AGM (Absorbent Glass Mat) technology, Long service life designed with 10-15 years, the batteries comply to the most popular international standards.
2. CG series 2V VRLA AGM battery adopts unique grid structure, special super corrosion-resistant alloy and unique active material formula, which can improve the efficiency, so CG series battery recover performance is excellent after deep discharge even discharge to empty, also with the advantage of high durability, enough capacity and long cycle life.
3. Stable quality and high reliability for industrial battery, Sealed construction for AGM battery, Long service life, float or cyclic for 2v industry battery.

Applications

Industry use, Telecom systems, UPS/EPS, Communication equipment, Telecommunication control equipment; Emergency lighting systems; Electric power systems; Power station; Nuclear power station Solar powered and wind powered systems; Load leveling and storage equipment; Marine equipment; Power generation plants; Alarm systems; Uninterruptible power supplies and stand-by power for computers; Medical equipment; Fire and security systems; Control equipment; Stand-by electric power.



Technical Data

Technical Data CG Series 2V Batteries

Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions								Terminal Type
			Kg	lbs	Length		Width		Height		Total Height		
					mm	inch	mm	inch	mm	inch	mm	inch	
CG2-100	2	100	5.2	11.46	171	6.73	72	2.83	205	8.07	222	8.74	T5
CG2-150	2	150	7.9	17.42	171	6.73	102	4.02	206	8.11	233	9.17	T5
CG2-200	2	200	13	28.66	172	6.80	111	4.37	329	12.96	365	14.37	T5
CG2-300	2	300	18.5	40.79	171	6.70	151	5.94	330	13	365	14.37	T5
CG2-400	2	400	26	57.32	211	8.30	176	6.93	330	13	366	14.41	T5
CG2-500	2	500	31	68.34	242	9.50	172	6.80	331	13	364	14.33	T5
CG2-600	2	600	37.7	83.11	301	11.90	175	6.89	331	13	366	14.41	T5
CG2-800	2	800	51.6	113.76	411	16.10	175	6.89	330	13	365	14.37	T5
CG2-1000	2	1000	62	136.69	475	18.70	175	6.89	330	12.99	365	14.37	T5
CG2-1200	2	1200	65.5	144.40	475	18.70	175	6.89	330	12.99	365	14.37	T5
CG2-1500	2	1500	96.5	212.75	401	15.80	351	13.80	344	13.50	378	14.88	T5
CG2-2000	2	2000	130	286.60	491	19.30	351	13.80	344	13.50	383	15.08	T5
CG2-2500	2	2500	180	396.83	696	27.40	340	13.80	330	12.99	342	13.46	T5
CG2-3000	2	3000	190	418.88	712	28	353	13.90	343	13.50	382	15.04	T5

EV Series

ELECTRIC VEHICLE BATTERIES

EV Series Electric Vehicle Batteries

EV series is specially designed for frequent deep cycle discharge. By using the specially designed active material and strong grids, the EV series battery offers reliable performance in high load situations and can deliver more than 300 cycles at 100% DOD, suitable for mobility scooters, electric wheel chairs, golf buggies etc.

- GB/T 22199-2008;
- GB/T 23636-2009;
- GB/T 18332.1-2009;
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS

Features

1. Pb-Ca-Sn alloy, no Cd, environmentally friendly;
2. High purity raw material and patent EV deep cycle formula of AM;
3. High performance AGM separator;
4. Excellent cycle life and recovery performance during deep cycle use;
5. Sealed construction and Maintenance free.

Applications

- Electric Bikes
- Electric Motorcycles
- Electric Tricycles
- Golf Buggies
- Wheelchairs
- Electrical tractors
- Farm Equipments

Golf Cart Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Weight		Terminal Quantity	Terminal Type	Dimension
			With Electrolyte (Kg)				L*W*H(HT) (mm)
3-EV-210(B)	6	210	31		2	D7	259*182*262(297)
3-EV-180(B)	6	180	29		2	D7	259*182*248(283)
4-EV-140(B)	8	140	30		2	D7	259*182*248(283)
6-EV-125(B)	12	125	41		2	D7	328*182*262(297)

Technical Data

Technical Data EV Series Electric Vehicle Batteries

Model	Nominal Voltage	Capacity C ₂₀ /1.75VPC (Ah)	Dimension								Weight		Terminal Type	Terminal Position
			Length		Width		Height		Total Height		Kg	Lbs		
	(V)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)			(inch)	
EV12-10	12	10	151	5.94	98	3.86	95	3.74	101	3.98	3.85	8.49	F1/F2	F
EV12-12	12	12	151	5.94	98	3.86	95	3.74	101	3.98	4.20	9.26	F1/F2	F
EV12-14	12	14	151	5.94	98	3.86	99	3.90	105	4.13	4.20	9.26	F1/F2	F
EV12-18	12	18	181	7.13	77	3.03	167	6.57	167	6.57	5.90	13.01	F3(M5) / F13-BP(M5)	D
EV12-22	12	22	181	7.13	77	3.03	167	6.57	167	6.57	6.20	13.67	F3(M5) / F13-BP(M5)	D
EV12-24X	12	24	181	7.13	77	3.03	170	6.69	170	6.69	7.00	15.43	F18	D
EV12-26	12	26	166	6.54	176	6.93	125	4.92	125	4.92	8.6	18.96	F3(M5) / F13(M5)	D
EV6-200S	6	200	306	12.05	168	6.61	220	8.66	227	8.94	29.0	63.93	F12(M8)	B
EV6-225S	6	225	260	10.24	180	7.09	245	9.65	264	10.39	31.5	69.44	F14(M8)/F22(M8)	B
EV6-240	6	240	260	10.24	180	7.09	263	10.35	282	11.10	35.3	77.82	F14(M8)/F22(M8)	B
EV12-215	12	215	382	15.04	179	7.05	351	13.82	370	14.57	63.5	139.99	F22(M8)/F23(M8)	C
EV12-215S	12	215	382	15.04	179	7.05	351	13.82	370	14.57	63.5	139.99	F22(M8)/F23(M8)	C
EV12-280	12	280	521	20.51	268	10.55	220	8.66	225	8.86	78.0	171.96	F14(M8)/L6	E
EV12-300	12	300	521	20.51	268	10.55	220	8.66	225	8.86	78.0	171.96	F14(M8)/L6	E
EV6-180	6	180	306	12.05	168	6.61	220	8.66	227	8.94	28.0	61.73	F12(M8)	B
EV6-200	6	200	322	12.68	177.5	6.99	226	8.90	231	9.09	30.0	66.14	F14(M8)	A
EV6-205	6	205	260	10.24	180	7.09	245	9.65	264	10.39	29.0	63.93	F14(M8)/F22(M8)	B
EV6-210	6	210	322	12.68	177.5	6.99	226	8.90	231	9.09	32.0	70.55	F12(M8)	A
EV6-220	6	220	306	12.05	168	6.61	220	8.66	227	8.94	32.0	70.55	F12(M8)	B
EV6-240	6	240	260	10.24	180	7.09	263	10.35	282	11.10	32.0	70.55	F14(M8)/F22(M8)	B
EV6-310	6	310	295	11.61	178	7.01	346	13.62	364	14.33	44.5	98.10	F14(M8)/F22(M8)	B
EV6-335	6	335	295	11.61	178	7.01	346	13.62	364	14.33	48.0	105.82	F14(M8)/F22(M8)	B
EV6-400	6	400	295	11.61	178	7.01	404	15.91	423	16.65	57.0	125.66	F14(M8)/F22(M8)	B
EV8-170SA	8	157	260	10.24	182	7.17	267	10.51	272	10.71	31.5	69.44	F14(M8) / F22(M8)	C
EV8-170	8	170	260	10.24	182	7.17	295	11.61	314	12.36	34.5	76.06	F14(M8)/F22(M8)	C
EV8-170S	8	170	260	10.24	182	7.17	267	10.51	272	10.71	34.5	76.06	F14(M8) / F22(M8)	C
EV8-200	8	200	260	10.24	182	7.17	295	11.61	314	12.36	38.0	83.77	F14(M8)/F22(M8)	C
EV12-33	12	33	195	7.68	130	5.12	155	6.10	168	6.61	9.6	21.16	F7(M8) / F11(M6)	C
EV12-33H	12	33	195	7.68	130	5.12	155	6.10	168	6.61	10.00	22.05	F7(M8) / F11(M6)	C
EV12-45	12	45	198	7.80	166	6.54	169	6.65	169	6.65	14.6	32.19	F4(M5) / F11(M6)	D
EV12-55	12	55	229	9.02	138	5.43	211	8.31	216	8.50	16.5	36.38	F15(M6) / F11(M6)/L3	C
EV12-60S	12	60	250	9.84	160	6.30	178	7.01	183	7.20	18.7	41.23	F15(M6)	D
EV12-60	12	60	260	10.24	169	6.65	180	7.09	185	7.28	18.7	41.23	F15(M6) / F11(M6)	C
EV12-75	12	75	260	10.24	169	6.65	211	8.31	216	8.50	22.5	49.60	F15(M6) / F11(M6)/L4	C
EV12-100S	12	100	306.5	12.07	168.5	6.63	210	8.27	215	8.46	30.0	66.14	F15(M6) / F12(M8)/L4	C
EV12-110	12	110	328	12.91	172	6.77	215	8.46	220	8.66	30.5	67.24	F5(M8) / F12(M8)/L7	C
EV12-120	12	120	407	16.02	177	6.97	225	8.86	225	8.86	36.5	80.47	F5(M8)/F12(M8)	C
EV12-150	12	150	483	19.02	170	6.69	241	9.49	241	9.49	44.5	98.10	F5(M8) / F12(M8)	C
EV12-180	12	180	532	20.94	207	8.15	214	8.43	219	8.62	53.0	116.84	F16(M8) / F12(M8)/L6	C
EV12-180S	12	180	483	19.02	170	6.69	241	9.49	241	9.49	52.0	114.64	F5(M8)/F12(M8)	C
EV12-200	12	200	522	20.55	240	9.45	219	8.62	224	8.82	61.0	134.48	F16(M8) / F10(M8)/L6	E
EV12-240	12	240	522	20.55	240	9.45	219	8.62	224	8.82	65.0	143.30	F16(M8) / F10(M8)/L6	E
EV12-280	12	280	521	20.51	268	10.55	220	8.66	225	8.86	78.0	171.96	F14(M8)	E

Electric Tricycle Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Weight		Terminal Quantity	Terminal Type	Dimension
			With Electrolyte (Kg)				L*W*H(HT) (mm)
6-EV-120(B)	12	120	38		2	D6	362*172*295(295)
6-EV-110(B)	12	110	36		2	D6	362*172*280(280)
6-EV-90(B)	12	90	32.5		2	D6	362*172*280(280)
6-EV-80(B)	12	80	31		2	D6	362*172*280(280)

Traction Series

FORKLIFT,FACTORY/MINE EXPLOSION PROOF BATTERIES



Traction Series Forklift,Factory/Mine Explosion-Proof Batteries

Featured by large capacity,good sealing performance and long service life,Amxpower traction batteries have powder irrigation type positive plate and high-strength plastic shells with heat sealing structure.Traction batteries are mainly used as DC power supply and lighting source for forklifts,mine battery tractors and battery cars in ports,docks,stations or warehouses and etc.

- IEC 60254-2005;
- DIN/EN 60254-2;
- GB 7403-2008;
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS

Features

1. Top-grade raw and processed materials. Pure lead is 99.994% content,longer maintenance intervals, lower maintenance costs.
2. Advanced technology tubular positive plate.
3. Full product series with dimensions according to international standards DIN/EN 60254-2 &IEC 254-2.
4. Capacity for DIN product range: 120-1550Ah and for BS product range: 46-1260Ah.
5. Available both as 2V cells and as complete batteries with various voltages ranging from 12V to 96V.
6. Fully insulated terminals.

Electrolyte circulation system advantages

- No electrolyte and temperature stratification during partial or complete charging process, increased every cell's consistency in the battery tray.
- Less heating during recharging , 15°C lower than the normal recharging mode,allowing use in warm ambient conditions.
- More rapid battery availability for the same nominal charging current due to shortercharging time and therefore higher battery utilization.

Applications

- Forklifts
- Cleaning machines
- Electric tractors
- Lifting platforms
- Electric vehicles

Technical Data

Technical Data Traction Series Forklift Factory/Mine Explosion-Proof Batteries

Model	Voltage (V)	Capacity C ₅ (Ah)	Weight	Terminal Quantity	Terminal Type	Dimension
			With Electrolyte (Kg)			L*W*H(HT) (mm)
2PZS120	2	120	8.8	2	D2&D4	47*198*340(370)
3PZS180	2	180	11.9	2	D2&D4	65*198*340(370)
4PZS240	2	240	15.0	2	D2&D4	83*198*340(370)
5PZS300	2	300	18.8	2	D2&D4	101*198*340(370)
6PZS360	2	360	22.0	2	D2&D4	119*198*340(370)
7PZS420-2	2	420	25.6	2	D2&D4	137*198*340(370)
7PZS420-4	2	420	26.7	4	D2&D4	137*198*340(370)
8PZS480	2	480	29.2	4	D2&D4	155*198*340(370)
9PZS540	2	540	32.4	4	D2&D4	174*198*340(370)
10PZS600	2	600	35.5	4	D2&D4	192*198*340(370)
2PZS160	2	160	10.7	2	D2&D4	47*198*405(435)
3PZS240	2	240	14.7	2	D2&D4	65*198*405(435)
4PZS320	2	320	19.2	2	D2&D4	83*198*405(435)
5PZS400	2	400	23.7	2	D2&D4	101*198*405(435)
6PZS480	2	480	27.7	2	D2&D4	119*198*405(435)
7PZS560-2	2	560	31.7	2	D2&D4	137*198*405(435)
7PZS560-4	2	560	32.5	4	D2&D4	137*198*405(435)
8PZS640	2	640	36.2	4	D2&D4	155*198*405(435)
9PZS720	2	720	40.0	4	D2&D4	174*198*405(435)
10PZS800	2	800	44.0	4	D2&D4	192*198*405(435)
2PZS180	2	180	11.8	2	D2&D4	47*198*475(505)
3PZS270	2	270	16.2	2	D2&D4	65*198*475(505)
4PZS360	2	360	21.2	2	D2&D4	83*198*475(505)
5PZS450	2	450	26.2	2	D2&D4	101*198*475(505)
6PZS540	2	540	30.7	2	D2&D4	119*198*475(505)
7PZS630-2	2	630	35.0	2	D2&D4	137*198*475(505)
7PZS630-4	2	630	35.6	4	D2&D4	137*198*475(505)
8PZS720	2	720	40.0	4	D2&D4	155*198*475(505)

9PZS810	2	810	44.6	4	D2&D4	174*198*475(505)
10PZS900	2	900	49.0	4	D2&D4	192*198*475(505)
2PZS210	2	210	13.2	2	D2&D4	47*198*504(534)
3PZS315	2	315	18.8	2	D2&D4	65*198*504(534)
4PZS420	2	420	24.6	2	D2&D4	83*198*504(534)
5PZS525	2	525	29.5	2	D2&D4	101*198*504(534)
6PZS630	2	630	34.6	2	D2&D4	119*198*504(534)
7PZS735-2	2	735	39.7	2	D2&D4	137*198*504(534)
7PZS735-4	2	735	40.2	4	D2&D4	137*198*504(534)
8PZS840	2	840	45.3	4	D2&D4	155*198*504(534)
9PZS945	2	945	50.4	4	D2&D4	174*198*504(534)
10PZS1050	2	1050	55.5	4	D2&D4	192*198*504(534)

DIN Traction Series

Model	Voltage (V)	Capacity C _s (Ah)	Weight		Terminal Type	Dimension L*W*H(HT) (mm)
			With Electrolyte (Kg)	Terminal Quantity		
2PZS230	2	230	14.2	2	D2&D4	47*198*545(575)
3PZS345	2	345	20.3	2	D2&D4	65*198*545(575)
4PZS460	2	460	26.3	2	D2&D4	83*198*545(575)
5PZS575	2	575	31.8	2	D2&D4	101*198*545(575)
6PZS690	2	690	37.3	2	D2&D4	119*198*545(575)
7PZS805-2	2	805	42.8	2	D2&D4	137*198*545(575)
7PZS805-4	2	805	43.3	4	D2&D4	137*198*545(575)
8PZS920	2	920	48.8	4	D2&D4	155*198*545(575)
9PZS1035	2	1035	54.3	4	D2&D4	174*198*545(575)
10PZS1150	2	1150	59.8	4	D2&D4	192*198*545(575)
2PZS250	2	250	15.0	2	D2&D4	47*198*570(600)
3PZS375	2	375	21.2	2	D2&D4	65*198*570(600)
4PZS500	2	500	27.6	2	D2&D4	83*198*570(600)
5PZS625	2	625	33.4	2	D2&D4	101*198*570(600)
6PZS750	2	750	39.2	2	D2&D4	119*198*570(600)
7PZS875-2	2	875	45.0	2	D2&D4	137*198*570(600)
7PZS875-4	2	875	45.6	4	D2&D4	137*198*570(600)
8PZS1000	2	1000	51.4	4	D2&D4	155*198*570(600)
9PZS1125	2	1125	57.3	4	D2&D4	174*198*570(600)
10PZS1250	2	1250	63.0	4	D2&D4	192*198*570(600)
2PZS280	2	280	17.2	2	D2&D4	47*198*685(715)
3PZS420	2	420	25.0	2	D2&D4	65*198*685(715)
4PZS560	2	560	32.0	2	D2&D4	83*198*685(715)
5PZS700	2	700	38.8	2	D2&D4	101*198*685(715)
6PZS840	2	840	45.7	2	D2&D4	119*198*685(715)
7PZS980-2	2	980	52.6	2	D2&D4	137*198*685(715)
7PZS980-4	2	980	53.0	4	D2&D4	137*198*685(715)
8PZS1120	2	1120	60.0	4	D2&D4	155*198*685(715)
9PZS1260	2	1260	66.8	4	D2&D4	174*198*685(715)
10PZS1400	2	1400	73.6	4	D2&D4	192*198*685(715)
2PZS310	2	310	19.0	2	D2&D4	47*198*720(750)
3PZS465	2	465	27.0	2	D2&D4	65*198*720(750)
4PZS620	2	620	34.2	2	D2&D4	83*198*720(750)
5PZS775	2	775	41.7	2	D2&D4	101*198*720(750)
6PZS930	2	930	49.0	2	D2&D4	119*198*720(750)
7PZS1085-2	2	1085	56.5	2	D2&D4	137*198*720(750)
7PZS1085-4	2	1085	57.0	4	D2&D4	137*198*720(750)
8PZS1240	2	1240	64.5	4	D2&D4	155*198*720(750)
9PZS1395	2	1395	72.0	4	D2&D4	174*198*720(750)
10PZS1550	2	1550	79.3	4	D2&D4	192*198*720(750)

BS Traction Series

Model	Voltage (V)	Capacity C _s (Ah)	Weight		Terminal Quantity	Terminal Type	Dimension L*W*H(HT) (mm)
			With Electrolyte (Kg)	Terminal Quantity			
2PZB84	2	84	6.2	2	D2&D4	45*158*328(358)	
3PZB126	2	126	9.0	2	D2&D4	61*158*328(358)	
4PZB168	2	168	11.2	2	D2&D4	77*158*328(358)	
5PZB210	2	210	13.5	2	D2&D4	93*158*328(358)	
6PZB252	2	252	15.8	2	D2&D4	109*158*328(358)	
7PZB294	2	294	18.0	2	D2&D4	125*158*328(358)	
8PZB336	2	336	20.8	2	D2&D4	141*158*328(358)	

2PZB110	2	110	8.0	2	D2&D4	45*158*398(428)
3PZB165	2	165	11.0	2	D2&D4	61*158*398(428)
4PZB220	2	220	13.7	2	D2&D4	77*158*398(428)
5PZB275	2	275	16.5	2	D2&D4	93*158*398(428)
6PZB330	2	330	19.8	2	D2&D4	109*158*398(428)
7PZB385	2	385	22.7	2	D2&D4	125*158*398(428)
8PZB440	2	440	26.0	2	D2&D4	141*158*398(428)
9PZB495-2	2	495	28.8	2	D2&D4	157*158*398(428)
9PZB495-4	2	495	29.3	2	D2&D4	157*158*398(428)
10PZB550-2	2	550	31.7	2	D2&D4	173*158*398(428)
10PZB550-4	2	550	32.2	2	D2&D4	173*158*398(428)
11PZB605	2	605	35.0	2	D2&D4	189*158*398(428)
12PZB660	2	660	37.8	2	D2&D4	205*158*398(428)

2PZB130	2	130	9.0	2	D2&D4	45*158*454(484)
3PZB195	2	195	12.4	2	D2&D4	61*158*454(484)
4PZB260	2	260	15.7	2	D2&D4	77*158*454(484)
5PZB325	2	325	19.5	2	D2&D4	93*158*454(484)
6PZB390	2	390	22.8	2	D2&D4	109*158*454(484)
7PZB455	2	455	26.6	2	D2&D4	125*158*454(484)
8PZB520	2	520	30.0	2	D2&D4	141*158*454(484)
9PZB585-2	2	585	33.2	2	D2&D4	157*158*454(484)
9PZB585-4	2	585	33.7	2	D2&D4	157*158*454(484)
10PZB650-2	2	650	36.5	2	D2&D4	173*158*454(484)
10PZB650-4	2	650	37.0	2	D2&D4	173*158*454(484)
11PZB715	2	715	40.3	2	D2&D4	189*158*454(484)
12PZB780	2	780	43.6	2	D2&D4	205*158*454(484)

2PZB140	2	140	10.0	2	D2&D4	45*158*492(522)
3PZB210	2	210	13.9	2	D2&D4	61*158*492(522)
4PZB280	2	280	18.0	2	D2&D4	77*158*492(522)
5PZB350	2	350	22.0	2	D2&D4	93*158*492(522)
6PZB420	2	420	26.0	2	D2&D4	109*158*492(522)
7PZB490	2	490	30.0	2	D2&D4	125*158*492(522)
8PZB560	2	560	33.7	2	D2&D4	141*158*492(522)
9PZB630-2	2	630	37.4	2	D2&D4	157*158*492(522)
9PZB630-4	2	630	38.0	2	D2&D4	157*158*492(522)
10PZB700-2	2	700	41.0	2	D2&D4	173*158*492(522)
10PZB700-4	2	700	41.6	2	D2&D4	173*158*492(522)

BS Traction Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Weight	Terminal Quantity	Terminal Type	Dimension
			With Electrolyte (Kg)			L*W*H(HT) (mm)
2PZB150	2	150	10.6	2	D2&D4	45*158*511(541)
3PZB225	2	225	14.5	2	D2&D4	61*158*511(541)
4PZB300	2	300	19.0	2	D2&D4	77*158*511(541)
4PZB300A	2	300	17.0	2	D2&D4	70*158*489(519)
5PZB375	2	375	23.0	2	D2&D4	93*158*511(541)
6PZB450	2	450	27.4	2	D2&D4	109*158*511(541)
7PZB525	2	525	31.3	2	D2&D4	125*158*511(541)
8PZB600	2	600	35.2	2	D2&D4	141*158*511(541)
9PZB675-2	2	675	39.2	2	D2&D4	157*158*511(541)
9PZB675-4	2	675	39.7	2	D2&D4	157*158*511(541)
10PZB750-2	2	750	43.0	2	D2&D4	173*158*511(541)
10PZB750-4	2	750	43.6	2	D2&D4	173*158*511(541)
11PZB825	2	825	47.6	2	D2&D4	189*158*511(541)
12PZB900	2	900	51.5	2	D2&D4	205*158*511(541)
2PZB160	2	160	11.0	2	D2&D4	45*158*546(576)
3PZB240	2	240	15.4	2	D2&D4	61*158*546(576)
4PZB320	2	320	20.2	2	D2&D4	77*158*546(576)
5PZB400	2	400	24.6	2	D2&D4	93*158*546(576)
6PZB480	2	480	28.8	2	D2&D4	109*158*546(576)
7PZB560	2	560	33.0	2	D2&D4	125*158*546(576)
8PZB640	2	640	37.0	2	D2&D4	141*158*546(576)
9PZB720-2	2	720	41.3	2	D2&D4	157*158*546(576)
9PZB720-4	2	720	42.0	2	D2&D4	157*158*546(576)
10PZB800-2	2	800	45.4	2	D2&D4	173*158*546(576)
10PZB800-4	2	800	46.0	2	D2&D4	173*158*546(576)
2PZB170	2	170	11.6	2	D2&D4	45*158*567(597)
3PZB255	2	255	16.0	2	D2&D4	61*158*567(597)
4PZB340	2	340	21.0	2	D2&D4	77*158*567(597)
5PZB425	2	425	25.7	2	D2&D4	93*158*567(597)
6PZB510	2	510	30.0	2	D2&D4	109*158*567(597)
7PZB595	2	595	34.5	2	D2&D4	125*158*567(597)
8PZB680	2	680	38.8	2	D2&D4	141*158*567(597)
9PZB765-2	2	765	43.2	2	D2&D4	157*158*567(597)
9PZB765-4	2	765	43.7	2	D2&D4	157*158*567(597)
10PZB850-2	2	850	47.5	2	D2&D4	173*158*567(597)
10PZB850-4	2	850	48.0	2	D2&D4	173*158*567(597)
11PZB935	2	935	52.4	2	D2&D4	189*158*567(597)
12PZB1020	2	1020	56.7	2	D2&D4	205*158*567(597)
2PZB180	2	180	12.2	2	D2&D4	45*158*612(642)
3PZB270	2	270	16.7	2	D2&D4	61*158*612(642)
4PZB360	2	360	22.3	2	D2&D4	77*158*612(642)
5PZB450	2	450	27.0	2	D2&D4	93*158*612(642)
6PZB540	2	540	31.5	2	D2&D4	109*158*612(642)
7PZB630	2	630	36.0	2	D2&D4	125*158*612(642)
8PZB720	2	720	40.6	2	D2&D4	141*158*612(642)
9PZB810-2	2	810	45.2	2	D2&D4	157*158*612(642)
9PZB810-4	2	810	45.7	2	D2&D4	157*158*612(642)
10PZB900-2	2	900	49.8	2	D2&D4	173*158*612(642)
10PZB900-4	2	900	50.8	2	D2&D4	173*158*612(642)

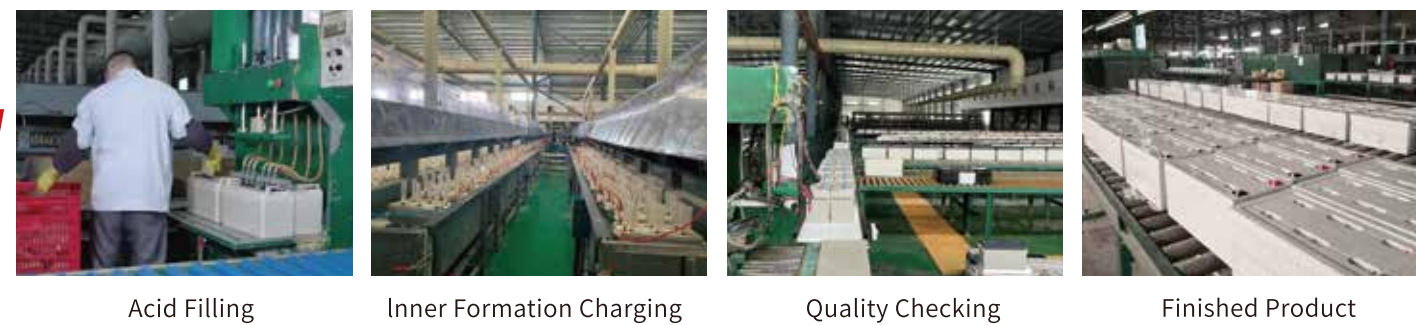
BS Traction Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Weight	Terminal Quantity	Terminal Type	Dimension
			With Electrolyte (Kg)			L*W*H(HT) (mm)
2PZB200	2	200	12.2	2	D2&D4	45*158*683(713)
3PZB300	2	300	17.4	2	D2&D4	61*158*683(713)
4PZB400	2	400	22.6	2	D2&D4	77*158*683(713)
5PZB500	2	500	27.6	2	D2&D4	93*158*683(713)
6PZB600	2	600	31.9	2	D2&D4	109*158*683(713)
7PZB700	2	700	36.6	2	D2&D4	125*158*683(713)
8PZB800	2	800	41.2	2	D2&D4	141*158*683(713)
9PZB900-2	2	900	46.0	2	D2&D4	157*158*683(713)
9PZB900-4	2	900	46.4	2	D2&D4	157*158*683(713)
10PZB1000-2	2	1000	50.6	2	D2&D4	173*158*683(713)
10PZB1000-4	2	1000	51.0	2	D2&D4	173*158*683(713)
11PZB1100	2	1100	55.7	2	D2&D4	189*158*683(713)
12PZB1200	2	1200	60.4	2	D2&D4	205*158*683(713)
2PZB210	2	210	13.4	2	D2&D4	45*158*683(713)
3PZB315	2	315	19.0	2	D2&D4	61*158*683(713)
4PZB420	2	420	24.8	2	D2&D4	77*158*683(713)
5PZB525	2	525	30.0	2	D2&D4	93*158*683(713)
6PZB630	2	630	35.0	2	D2&D4	109*158*683(713)
7PZB735	2	735	40.3	2	D2&D4	125*158*683(713)
8PZB840	2	840	45.4	2	D2&D4	141*158*683(713)
9PZB945-2	2	945	50.6	2	D2&D4	157*158*683(713)
9PZB945-4	2	945	51.0	2	D2&D4	157*158*683(713)
10PZB1050-2	2	1050	55.7	2	D2&D4	173*158*683(713)
10PZB1050-4	2	1050	56.3	2	D2&D4	173*158*683(713)
11PZB1155	2	1155	61.4	2	D2&D4	189*158*683(713)
12PZB1260	2	1260	66.6	2	D2&D4	205*158*683(713)

General Traction Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Weight	Terminal Quantity	Terminal Type	Dimension
			With Electrolyte (Kg)			L*W*H(HT) (mm)
D-250	2	250	16	2	D3	208*140*300(350)
D-330	2	330	20.5	2 or 4	D3	180*138*405(450)
D-330H	2	330	22.5	2 or 4	D3	180*138*405(450)
D-330(B)	2	330	19	2	D3	141*158*380(450)
D-395	2	385	22.5	4	D3	180*138*405(450)
D-395H	2	385	25	4	D3	180*138*405(450)
D-400(B)	2	385	23	2 or 4	D3	141*158*380(450)
D-440	2	440	27	4	D3	180*176*400(450)
D-440H	2	440	28	4	D3	180*176*400(450)

Battery Production Processes



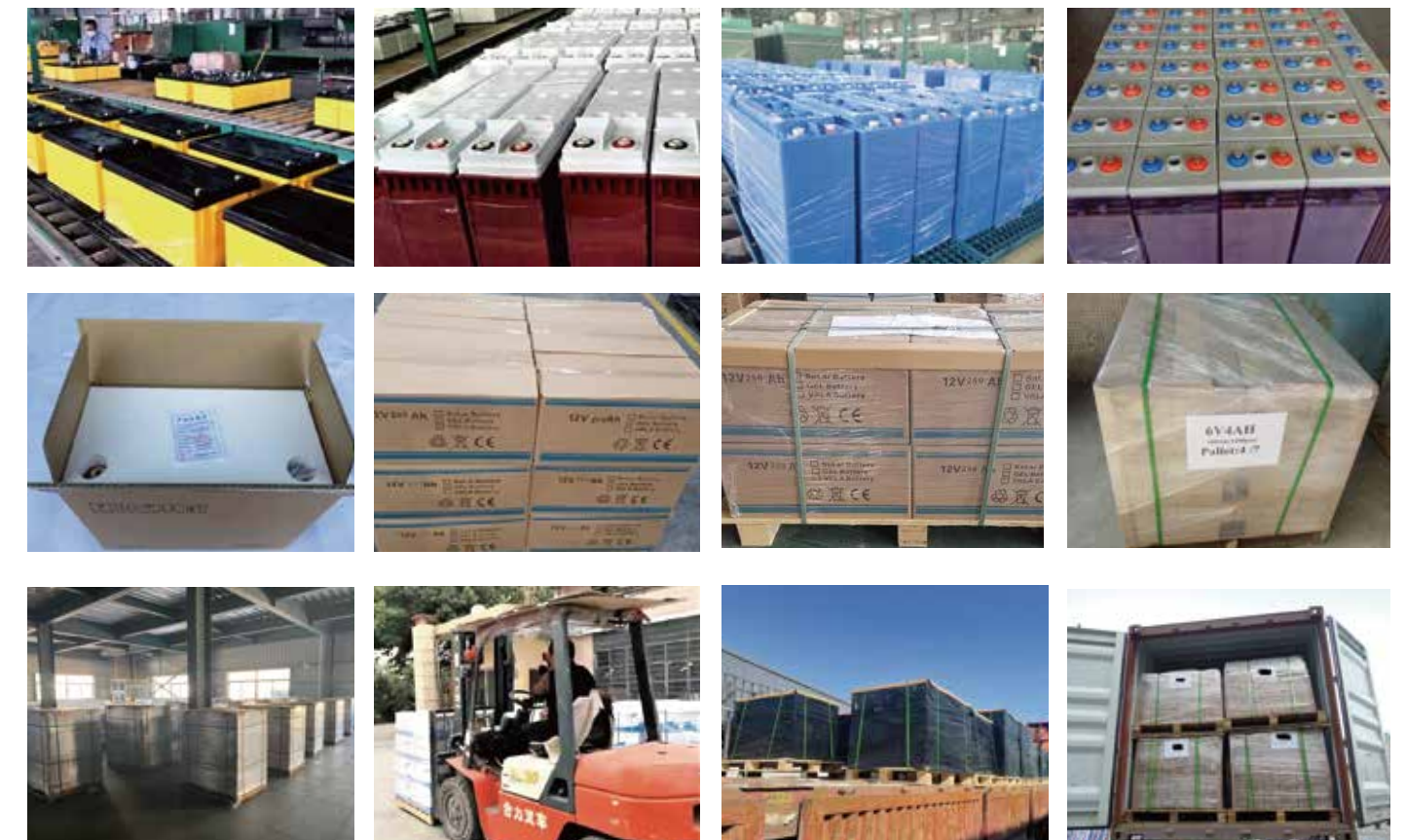
Case



R&D



Packing&Shipping



Factory Review

Production Capacity

Certificates



19+
Years of Experience

60+

Automated Production Lines



3
Battery Manufacturing Base

6000+

Employees

