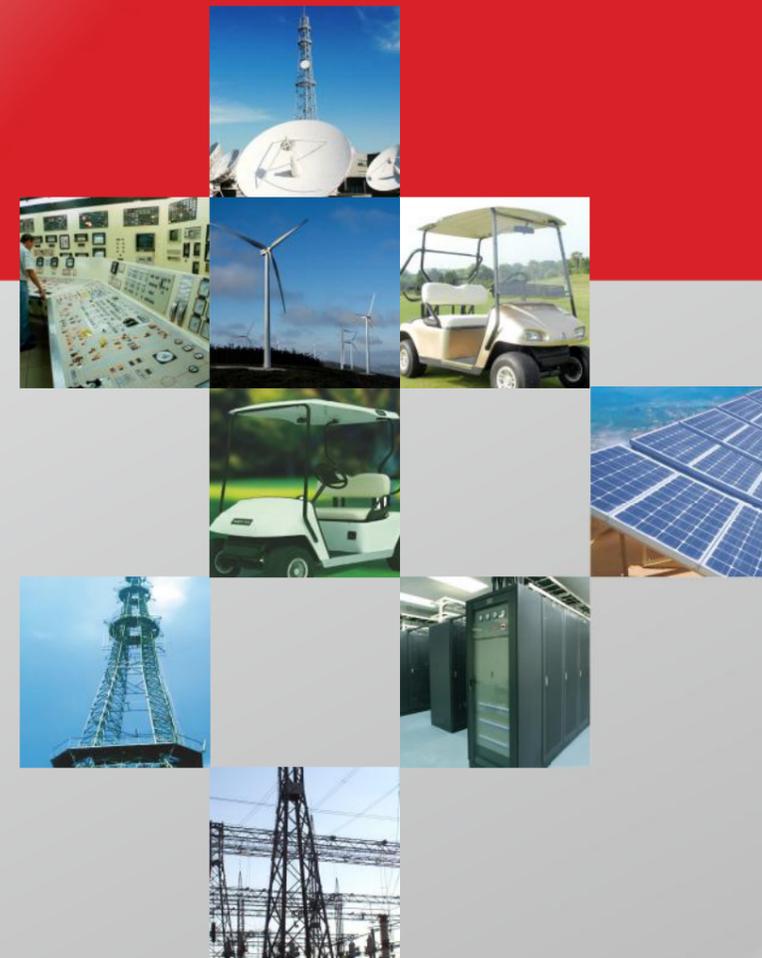




LEAD-ACID BATTERY PRODUCT CATALOG



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Ritar International Group



Ritar International Group, established in 2002, now employs a global workforce of over 6,500 individuals. At the heart of the new energy sector, Ritar is committed to delivering inherently safe energy storage solutions across the globe.

The company maintains eight significant production bases across China and Vietnam, alongside 11 international storage and logistics centers, with sales presence in many countries. Our facilities ensure that our products are swiftly available to meet the demands of the global market.

Ritar also boasts a national-level CNAS laboratory and holds more than 200 national invention patents. Our extensive range includes over 1,000 product types such as Solid State OPzV Batteries, IDC-specific lead-acid batteries, UPS batteries, and lithium batteries. With ongoing innovation in research, development, production, sales, and service, Ritar has crafted a robust ecosystem within the new energy industry. Our products find extensive applications in sectors like grid and power supply sides, industrial and commercial energy storage, residential energy storage, rail transit, telecommunications base stations, and data centers.

Looking forward, Ritar International Group remains steadfast in its commitment to innovation in the safe energy storage domain, continuously driving forward the development of the new energy sector and enhancing the quality of products and services offered to our global clientele.

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China Plant

Hengyang Ritar Power Co., Ltd.



Investment is **USD150** million



Land area is **266,680** square meters



Annual capacity is **9** million KVAH



Vietnam Plant



Ritar Power (Vietnam) Co., Ltd.



Investment is **USD120** million



Land area is **110,000** square meters



Annual capacity is **5** million KVAH



Convenient transportation, **40** min expressway to HCM Airport, **80** km to seaport

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Investment is **USD120** million



Land area is **110,000** square meters



Annual capacity is **5** million KVAH



Convenient transportation, **40** min expressway to HCM Airport, **80** km to seaport

RT Series

General Purpose Batteries

RT series is the general purpose battery with 6-8 years design life for float service . It meets IEC and JIS standards .With up-dated AGM valve regulated technology and high purity raw materials, the RT series battery has reliable standby service life.

It is suitable for UPS/EPS, medical equipment, emergency light and security systems applications.



Product Features

- Capacity range :1.3Ah—28Ah
- Voltage class:6V/12V
- Long design life (25°C) : 6-8 years
- Low self-discharge rate : ≤ 3%/month
- Good high rate discharge performance
- High sealed reaction efficiency : ≥ 99%
- Wide operation temperature range : -20°C ~60°C
- Structure: compact design,shorter internal connectors between cells,thus low internal resistance
- Plate: Pasted flat type, with patent formula of AM
- Terminal: two or more types terminals are convenient for selection
- Separator: using improved AGM separator, makes lower resistance, higher assembling pressure to increase cycle life;
- Battery case: made of high strength ABS(UL94-HB) and UL94-V0, is optional;
- Terminal sealing: double sealing technics(mechanical +epoxy gule).

Applications

- Small UPS
- Emergency Light
- Security System
- Toys
- Medical

Compliant Standards

- GB/T19639 - 2014
- JIS C8702 - 2006
- IEC 61056 -2002
- ISO9001, ISO14001, OHSAS18001, UL, CE and TLC certified

Main Parameters

Model	Nominal Voltage	Capacity C ₂₀ /1.75VPC	Dimension				Terminal Type	Terminal Position
	(V)		(Ah)	Length	Width	Height		
		mm		mm	mm	mm		
RT613	6	1.3	97	24	52	58	F1	C
RT628	6	2.8	66.5	34	97	103	F1	A
RT632	6	3.2	134	34	60	66	F1	C
RT640S	6	4	194	25	62	62	T1	N
RT640	6	4	70	47	99	105	F1	A
RT645	6	4.5	70	47	99	105	F1	A
RT650	6	5	70	47	99	105	F1/F2	A
RT670	6	7	151	34	94	100	F1/F2	C
RT680	6	8	151	34	94	100	F1/F2	C
RT6100	6	10	150	50	93	99	F1/F2	C
RT6120	6	12	150	50	93	99	F1/F2	C
RT6140	6	14	108	71	140	140	F1/F2	C
RT1213	12	1.3	98	43.5	53	59	F1	E
RT1223	12	2.3	177	35	62	68	F1	C
RT1232	12	3.2	134	67	60	66	F1	E
RT1240	12	4	90	70	101	107	F1/F2	C
RT1245	12	4.5	90	70	101	107	F1/F2	C
RT1245S	12	4.5	195	47	71	76	F1/F2	C
RT1245U	12	4.5	151	65	94	100	F1/F2	C
RT1250	12	5	90	70	101	107	F1/F2	C
RT1250B	12	5	151	50	95	101	F1/F2	C
RT1256	12	5.6	151	65	94	100	F1/F2	F
RT1260	12	6	90	70	101	107	F1/F2	C
RT1260U	12	6	151	65	94	100	F1/F2	C
RT1270	12	7	151	65	94	100	F1/F2	F
RT1270A	12	7	151	65	94	100	F1/F2	F
RT1270L	12	7	151	65	94	100	F1/F2	F
RT1270(VDS)	12	7	151	65	94	100	F1/F2	F
RT1280	12	8	151	65	94	100	F1/F2	F
RT1280L	12	8	151	65	94	100	F1/F2	F
RT1290EP	12	9	151	65	94	100	F1/F2	F
RT1290	12	9	151	65	94	100	F1/F2	F
RT12100	12	10	151	98	95	101	F1/F2	F
RT12120	12	12	151	98	95	101	F1/F2	F
RT12120A	12	12	151	98	95	101	F1/F2	F
RT12180	12	18	181	77	167	167	F3(M5) / F13-BP(M5)	D
RT12200	12	20	181	77	167	167	F3(M5) / F13-BP(M5)	D
RT12220	12	22	181	77	167	167	F3(M5) / F13-BP(M5)	D
RT12240	12	24	166	176	125	125	F3(M5) / F13-BP(M5)	D
RT12260	12	26	166	176	125	125	F3(M5) / F13-BP(M5)	D
RT12240S	12	24	165	125	174	174	T28(M5) / F11(M6)	D
RT12280	12	28	166	176	125	125	F3(M5) / F13-BP(M5)/T24(M5)	D
RT12260S	12	26	165	125	174	174	F7(M8) / F11(M6)	D
RT12280S	12	28	165	125	174	174	F7(M8) / F11(M6)	D
RT2480	24	8	188	102	94	100	F2	D
RT24140	24	14	192	151	94	100	F2	C

RA Series

General Purpose Batteries

RA series is the general purpose battery with 12 years design life in float service. It meets IEC, JIS and BS standards. With up-dated AGM valve regulated technology and high purity raw materials, the RA 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.



Product Features

- Capacity range :33Ah-260Ah
- Voltage class:6V/12V
- Long design life (25°C) : 12 years
- Low self-discharge rate : ≤ 3%/month
- Good high rate discharge performance
- High sealed reaction efficiency : ≥ 99%
- Wide operation temperature range : -20°C ~60°C
- Structure: compact design, lower internal resistance,
- Plate: Pasted flat type, with patent formula of AM
- Terminal: two or more types terminals are convenient for selection
- Separator: using improved AGM separator, makes lower resistance , higher assembling pressure to increase deep cycle life;
- Battery case: made of high strength ABS(UL94-HB) and UL94-V0 , is optional;
- Terminal sealing: double sealing technics(mechanical + epoxy gule).

Applications

- UPS/EPS
- Emergency Light
- Security System
- Medical

Compliant Standards

- GB/T19638 - 2005
- YD/T799 - 2002
- JIS C8704 -2006
- IEC 60896-21/22 -2004
- ISO9001, ISO14001, OHSAS18001, UL, CE and TLC certified

Main Parameters

Model	Nominal Voltage	Capacity C ₁₀ /1.80VPC	Dimension				Terminal Type	Terminal Position	
	(V)		(Ah)	Length	Width	Height			Total Height
				mm	mm	mm			mm
RA6-100	6	100	194	170	205	212	F14(M8)	A	
RA6-150	6	150	260	180	245	252	F12(M8)	B	
RA6-180	6	180	306	168	220	227	F12(M8)	B	
RA6-200	6	200	322	177.5	226	231	F16(M8) / F14(M8)	A	
RA6-200S	6	200	260	180	245	252	F12(M8)	B	
RA6-225	6	225	322	177.5	226	231	F16(M8) / F14(M8)	A	
RA12-33	12	33	195	130	155	168	F7(M8) / F11(M6)	C	
RA12-33A	12	33	195	130	155	168	F7(M8) / F11(M6)	C	
RA12-35	12	35	195	130	155	168	F7(M8)/F11(M6)	C	
RA12-40	12	40	198	166	169	169	F4(M5) / F11(M6)	D	
RA12-45	12	45	198	166	169	169	F4(M5) / F11(M6)	D	
RA12-55	12	55	229	138	211	216	F15(M6) / F11(M6)/L3	C	
RA12-65	12	65	350	167	182	182	F5(M8) / F11(M6)	C	
RA12-70	12	70	350	167	182	182	F5(M8) / F11(M6)	C	
RA12-70S	12	70	260	169	211	216	F15(M6) / F11(M6)	C	
RA12-80S	12	80	260	169	211	216	F15(M6) / F11(M6)	C	
RA12-80	12	80	350	167	182	182	F5(M8) / F11(M6)	C	
RA12-100A	12	100	328	172	215	220	F5(M8) / F12(M8)/L7	C	
RA12-100S	12	100	306.5	168.5	210	215	F15(M6) / F12(M8)	C	
RA12-100	12	100	328	172	215	220	F5(M8) / F12(M8)	C	
RA12-120	12	120	407	177	225	225	F5(M8) / F12(M8)	C	
RA12-120S	12	110	328	172	215	220	F12(M8)	C	
RA12-134	12	134	340	173	280	287	F5(M8) / F12(M8)	C	
RA12-145	12	145	340	173	280	287	F5(M8) / F12(M8)	C	
RA12-150	12	150	483	170	241	242	F5(M8) / F12(M8)	C	
RA12-150A	12	150	483	170	241	242	F5(M8) / F12(M8)	C	
RA12-160	12	160	532	207	214	219	F16(M8) / F12(M8)	E	
RA12-180	12	180	532	207	214	219	F16(M8) / F12(M8)	E	
RA12-200	12	200	522	240	219	224	F16(M8) / F10(M8)	E	
RA12-225	12	225	522	240	219	224	F16(M8) / F10(M8)	E	
RA12-225A	12	225	522	240	219	224	F16(M8) / F10(M8)	E	
RA12-230	12	230	521	269	204	209	F10(M8)/L6	E	
RA12-240	12	240	522	240	219	224	F16(M8) / F10(M8)/L6	E	
RA12-260	12	260	521	268	220	225	F14(M8)/L6	E	

RL Series

General Purpose Batteries

RL series is the general purpose battery with 20 years design life in float service. With heavy duty grids, thicker plates, special additives and updated AGM valve regulated technology, the RL 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 communication back-up power and EPS/UPS applications .



Product Features

- Capacity range: 200Ah—3000Ah
- Voltage class: 2V
- Long design life (25°C): 20 year
- Polarity sign: symmetrical and more clear
- Low self-discharge rate: ≤3 % per month
- High recombination efficiency: ≥ 99%
- Compact structure and high specific energy
- Wide operation temperature: -20°C ~ 60°C
- Grid: thicker grid and radiative grid structure;
- Positive plate: Pasted flat type, latest grid alloy + patent formula of AM;
- Separator : AGM separator with high adsorptive and low resistance;
- Battery container: High strength ABS(UL94-HB) and UL94-V0 is optional;
- Post sealing: patent multi-layer post sealing with M8 copper insert terminal;
- Safety Valve : sensitive operate pressure and reliable equipped with explosion-proof arrester and acid filter.

Applications

- Telecommunication
- UPS/EPS
- Control system
- Electric power system

Compliant Standards

- GB/T19638 - 2005
- YD/T799 - 2002
- JIS C8704 -2006
- BS 6290.4 -2006
- IEC 60896-21/22- 2004
- ISO9001, ISO14001, OHSAS18001, UL, CE and TLC certified

Main Parameters

Model	Nominal Voltage	Capacity C ₁₀₀ /1.80VPC	Dimension				Terminal Type	Terminal Position
			Length	Width	Height	Total Height		
	(V)	(Ah)	mm	mm	mm	mm		
RL2-200	2	200	171	111	328	340	F10(M8)	G
RL2-250	2	250	171	111	328	340	F10(M8)	G
RL2-300	2	300	170	150	330	342	F10(M8)	G
RL2-400	2	400	170	150	330	342	F10(M8)	G
RL2-500	2	500	211	172	330	342	F10(M8)	G
RL2-600	2	600	241	172	330	342	F10(M8)	G
RL2-800	2	800	301	172	330	342	F10(M8)	H
RL2-1000	2	1000	410	172	330	342	F10(M8)	H
RL2-1200	2	1200	473	172	330	342	F10(M8)	H
RL2-1500	2	1500	355	337	330	342	F10(M8)	K
RL2-2000	2	2000	476	337	330	342	F10(M8)	K
RL2-2500	2	2500	476	337	330	342	F10(M8)	K
RL2-3000	2	3000	696	340	330	342	F10(M8)	L



FT Series

Front Terminal 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.



Product Features

- Capacity range :55Ah—200Ah
- Voltage class:12V
- Long design life (25°C) : 12 years
- Low self-discharge rate : ≤ 3%/month
- Good high rate discharge performance
- High sealed reaction efficiency : ≥ 99%
- Wide operation temperature range : -20°C ~60°C
- Narrow structure:each cell has same heat dissipation efficiency thus good to prevent “thermal runaway” ;
- Plate: Pasted flat type, with patent formula of AM ensure good service life;
- Front terminal is convenient for connection and maintenance;
- Centralized vent system: battery internal gas can be vented out of the system, and flame arrester is equipped;
- Terminal cover: avoiding short circuit and dust ,the inspection hole is available for maintenance;
- Separator: use improved AGM separator, makes lower resistance, higher assembling pressure to increase deep cycle life;
- Terminal sealing: double sealing technics(mechanical + epoxy glue).

Applications

- Telecommunication
- Emergency Light
- Photovoltaic / Wind Energy

Compliant Standards

- IEC60896-21/22 -2004
- BS 6290-4 -1997
- YD/T799-2002
- GB/T19638-2005
- JIS8704-2006
- ISO9001, ISO14001, OHSAS18001, UL, CE certified
- NEBS certified

Main Parameters

Model	Nominal Voltage	Capacity C ₁₀ /1.80VPC	Dimension				Terminal Type	Terminal Position
	(V)		(Ah)	Length mm	Width mm	Height mm		
FT12-55	12	55	291	106	230	230	F11(M6)	E
FT12-55A	12	55	291	106	230	230	F11(M6)	E
FT12-90	12	90	562	114	188	188	F6(M8)	E
FT12-90A	12	90	562	114	188	188	F6(M8)	E
FT12-100	12	100	508	110	236	236	F14(M8)	E
FT12-100A	12	100	508	110	236	236	F14(M8)	E
FT12-100S	12	100	410	109	285	293	F9(M8)	E
FT12-100SA	12	100	410	109	285	293	F9(M8)	E
FT12-105	12	105	508	110	236	236	F14(M8)/F8(M6)	E
FT12-105A	12	105	508	110	236	236	F14(M8)/F8(M6)	E
FT12-110	12	110	410	109	285	293	F9(M8)	E
FT12-110A	12	110	410	109	285	293	F9(M8)	E
FT12-150	12	150	565	110	288	288	F9(M8)	E
FT12-150A	12	150	565	110	288	288	F9(M8)	E
FT12-160	12	160	565	110	288	288	F14(M8)	E
FT12-160A	12	160	565	110	288	288	F14(M8)	E
FT12-170	12	170	560	125	316	316	F14(M8)	E
FT12-180	12	180	560	125	316	316	F14(M8)	E
FT12-180A	12	180	560	125	316	316	F9(M8)	E
FT12-185	12	185	560	125	316	316	F14(M8)	E
FT12-200	12	200	560	125	316	316	F14(M8)	E
FT12-200A	12	200	560	125	316	316	F14(M8)	E



HR Series

High Rate Discharge Batteries

HR (High Rate) series is especially designed for heavy load discharge applications with 8 to 15 years design life in float service. By using strong grids and specially designed active material the HR series offers stable performance during high current discharge. The HR series offers 30% more power output than the standard range. Suitable for UPS/EPS where high current loads are required.



Product Features

- Capacity range : 16W-850W
- Voltage class:6V/12V
- Long design life (25°C) : 8-15 years
- Low self-discharge rate : ≤ 3%/month
- Good high rate discharge performance
- High sealed reaction efficiency : ≥ 99%
- Wide operation temperature range : -20°C ~60°C
- Structure: compact design, shorter internal connectors between cells, thus low internal resistance
- Plate: Pasted flat type, with patent high rate formula of AM
- Terminal: two or more types terminals are convenient for selection
- Safety valve: flame arrester / filter is equipped with safety valve system;
- Separator: using improved AGM separator, makes lower resistance higher assembling pressure to increase deep cycle life;
- Battery case: made of high strength ABS(UL94-HB) and UL94-V0 is optional;
- Terminal sealing: double sealing technics(mechanical + epoxy gule).

Application

- UPS/EPS
- Electric Tools
- Toys
- Medical
- Wheelchair
- Security System

Compliant Standards

- GB/T19638.2-2005
- YD/T799-2002
- JIS C8704-2006
- IEC 60896-21/22-2004
- ISO9001, ISO14001, OHSAS18001, UL, CE certified

Main Parameters

Model	Nominal Voltage	Capacity 15min/1.67VPC	Dimension				Terminal Type	Terminal Position
			Length	Width	Height	Total Height		
	(V)	(W)	mm	mm	mm	mm		
HR6-16W	6	16	70	47	99	105	F2	A
HR6-18W	6	18	70	47	99	105	F2	A
HR6-22W	6	22	70	47	99	105	F2	A
HR6-28W	6	28	151	34	94	100	F2	C
HR6-32W	6	32	151	34	94	100	F2	C
HR6-36W	6	36	151	34	94	100	F2	C
HR12-16W	12	16	90	70	101	107	F2	C
HR12-18W	12	18	90	70	101	107	F2	C
HR12-22BW	12	22	151	50	95	101	F2	F
HR12-22W	12	22	90	70	101	107	F2	C
HR12-32W	12	32	151	65	94	100	F2	F
HR12-32W/JS	12	32	151	65	94	100	T30	F
HR12-36W	12	36	151	65	94	100	F2	F
HR12-38W/JS	12	38	151	65	93.5	108.5	T30	F
HR12460W	12	460	151	65	94	100	F2	F
HR12580W	12	580	151	65	94	100	F2	F
HR12-48W	12	48	151	98	95	101	F2	F
HR12-50W	12	50	181	77	167	167	F13-BP(M5)	D
HR12-60W	12	60	181	77	167	167	F13-BP(M5)	D
HR12-70W	12	70	181	77	167	167	F13-BP(M5)	D
HR12-80W	12	80	181	77	167	167	F13-BP(M5)	D
HR12-88W	12	88	181	77	167	167	F13-BP(M5)/F18(M5)	D
HR12-96W	12	96	166	176	125	125	F13-BP(M5)	D
HR12-104W	12	104	166	176	125	125	F13-BP(M5)	D
HR12-125W	12	125	195	130	155	168	F11(M6)	C
HR12-150W	12	150	198	166	169	169	F11(M6)	D
HR12-200W	12	200	229	138	211	216	F11(M6)	C
HR12-240W	12	240	350	167	182	182	F11(M6)	C
HR12-280W(L)	12	280	260	169	211	216	F11(M6)	C
HR12-280W	12	280	260	169	211	216	F11(M6)	C
HR12-300W	12	300	260	169	211	216	F11(M6)	C
HR12-340W(L)	12	340	306.5	168.5	210	215	F12(M8)	C
HR12-340W	12	340	306.5	168.5	210	215	F12(M8)	C
HR12-380W(L)	12	380	328	172	215	220	F12(M8)	C
HR12-380W	12	380	328	172	215	220	F12(M8)	C
HR12-380SW(L)	12	380	306.5	168.5	210	215	F12(M8)	C
HR12-420W	12	420	328	172	215	220	F12(M8)	C
HR12-450W(L)	12	450	407	177	225	225	F12(M8)	C
HR12-450W	12	450	407	177	225	225	F12(M8)	C
HR12-580W(L)	12	580	340	173	280	287	F12(M8)	C
HR12-580W	12	580	340	173	280	287	F12(M8)	C
HR12-570W(L)	12	550	483	170	241	241	F12(M8)	C
HR12-570W	12	550	483	170	241	241	F12(M8)	C
HR12-600W(L)	12	600	532	207	214	219	F10(M8)	E
HR12-600W	12	600	532	207	214	219	F10(M8)	E

Main Parameters

Model	Nominal Voltage (V)	Capacity 15min/1.67V/PC (W)	Dimension				Terminal Type	Terminal Position
			Length mm	Width mm	Height mm	Total Height mm		
HR12-620W(L)	12	620	532	207	214	219	F10(M8)	E
HR2-500W	2	500	171	111	328	340	F10(M8)	G
HR2-600W	2	600	171	111	328	340	F10(M8)	G
HR2-650W	2	650	171	111	328	340	F10(M8)	G
HR2-750W	2	750	171	111	328	340	F10(M8)	G
HR2-900W	2	900	170	150	330	342	F10(M8)	G
HR2-1000W	2	1000	170	150	330	342	F10(M8)	G
HR2-1100W	2	1100	170	150	330	342	F10(M8)	G
HR2-1250W	2	1250	170	150	330	342	F10(M8)	H
HR2-1300W	2	1300	211	172	330	342	F10(M8)	H
HR2-1400W	2	1400	211	172	330	342	F10(M8)	H
HR2-1500W	2	1500	211	172	330	342	F10(M8)	H
HR2-1600W	2	1600	241	172	330	342	F10(M8)	H
HR2-1750W	2	1750	241	172	330	342	F10(M8)	H
HR2-1800W	2	1800	241	172	330	342	F10(M8)	H
HR2-1900W	2	1900	241	172	330	342	F10(M8)	H
HR2-2000W	2	2000	241	172	330	342	F10(M8)	H
HR2-2250W	2	2250	301	172	330	342	F10(M8)	H
HR2-2500W	2	2500	301	172	330	342	F10(M8)	H
HR2-2800W	2	2800	410	172	330	342	F10(M8)	J
HR2-3000W	2	3000	410	172	330	342	F10(M8)	J
HR2-3200W	2	3200	473	172	330	342	F10(M8)	J
HR2-3500W	2	3500	473	172	330	342	F10(M8)	J

Ritar High Rate Series Batteries Reliable Protection for Your Data Center



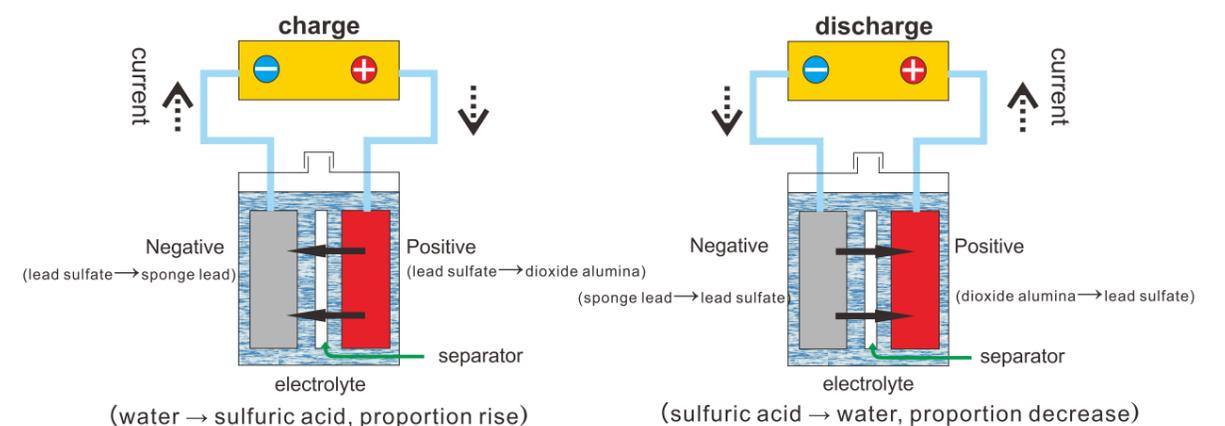
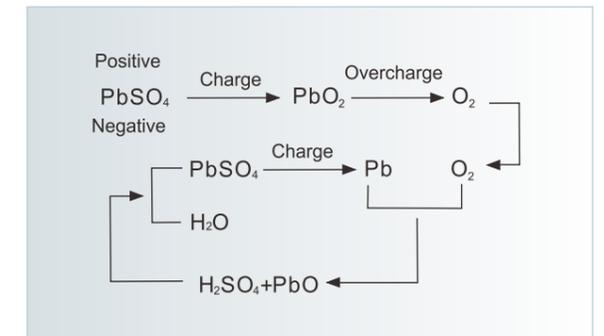
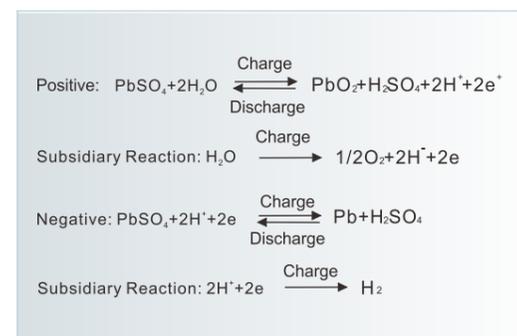
Working Principle of Lead-acid Battery

1. Electrochemistry

A lead-acid battery is an electrical storage device that converts electrical energy into potential chemical energy; when needed the stored chemical energy can be converted back into electrical energy again to be supplied to external systems. In the discharge state, part of PbO_2 at the positive turns into $PbSO_4$, and part of Pb at the negative also turns into $PbSO_4$. In this electro-chemical reaction, both positive and negative electrodes generate $PbSO_4$. In the charging state, the lead sulfate ($PbSO_4$) at the positive and negative turns into PbO_2 and Pb , respectively. When in discharging, the concentration and density of H_2SO_4 decreases gradually; while in charging, it increases. Battery charging and discharging are realized by electrochemical reactions.

2. Oxygen Combination

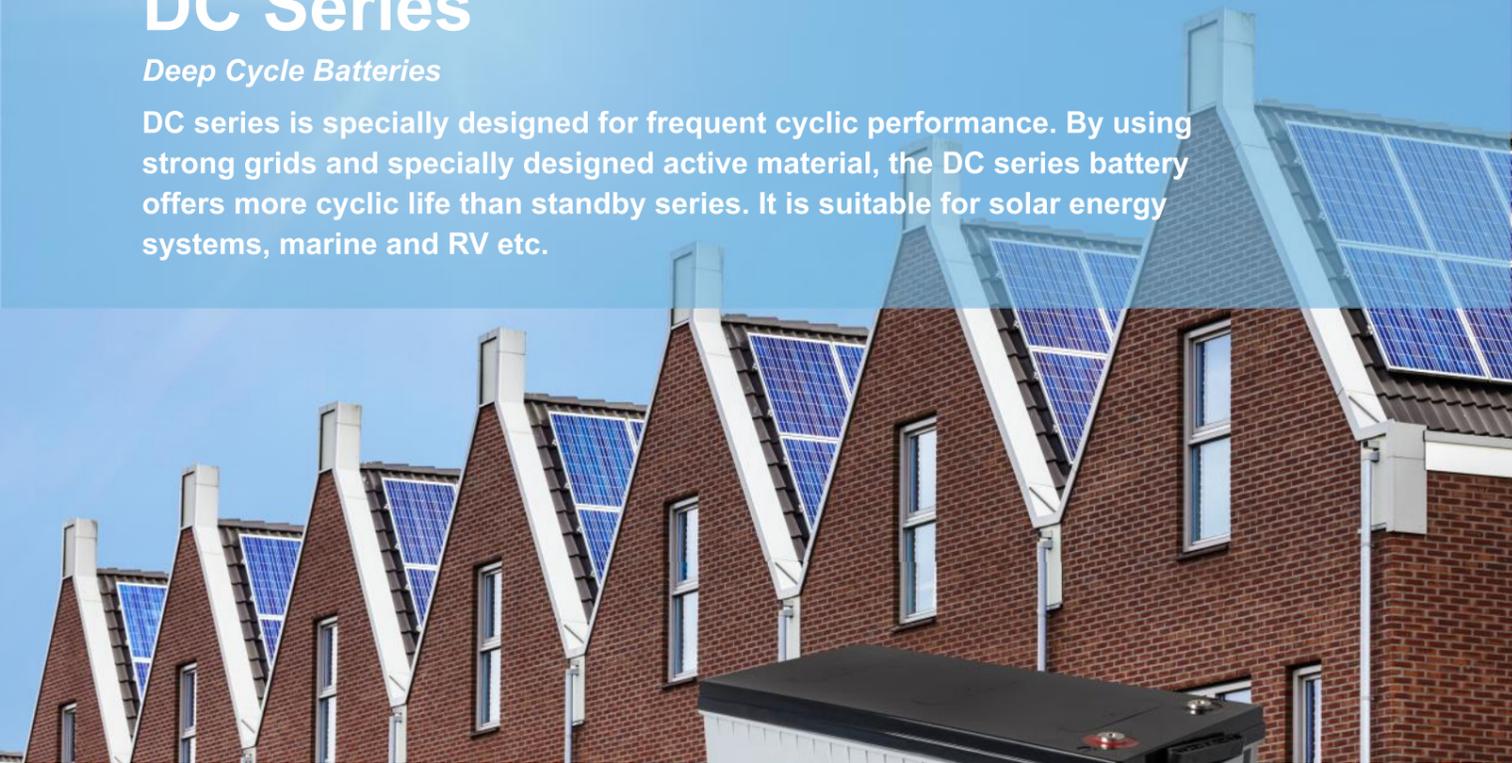
The positive plate generates oxygen gas in the final stage of charging. Under the condition of excessive additives at the negative, oxygen spreads to the negative plates through PE compound separator and reacts with spongy lead and forms lead oxide and then turns into lead sulfate and water. Keep the negative plates in depolarization or under charge state so that the battery cannot reach the over potential of oxygen gassing. Thus the battery avoids oxygen gassing and water loss and is made a maintenance free sealed storage battery.



DC Series

Deep Cycle Batteries

DC series is specially designed for frequent cyclic performance. By using strong grids and specially designed active material, the DC series battery offers more cyclic life than standby series. It is suitable for solar energy systems, marine and RV etc.



Product Features

- Capacity range :26Ah —3000Ah
- Voltage class :2V/6V/12V
- Long design life (25°C) : 8 years (≤28Ah)
12 years(>28Ah)
20 years(2V)
- Low self-discharge rate : ≤ 3%/month
- Good high rate discharge performance
- High sealed reaction efficiency : ≥ 99%
- Wide operation temperature range : -20°C ~60°C
- Structure: compact design,shorter internal connectors between cells, thus low internal resistance
- Plate: Pasted flat type, with patent deep cycle formula of AM
- Terminal: two or more types terminals are convenient for selection
- Vent system: gases can be vented through flame arrester/ filter;
- Separator: using improved AGM separator, makes lower resistance higher assembling pressure to increase deep cycle life
- Battery case: made of high strength ABS(UL94-HB) and UL94-V0 is optional;
- Terminal sealing: double sealing technics(mechanical + epoxy gule).



Applications

- Photovoltaic / Wind Energy
- UPS/EPS
- Marine / Boat
- Light Electric Power Supply

Compliant Standards

- IEC60896-21/22-2004
- DIN43539-T5
- YD/T1360-2005
- ISO9001, ISO14001, OHSAS18001, UL, CE certified

Main Parameters

Model	Nominal Voltage	Capacity C ₂₀ /1.75VPC (Ah)	Dimension				Terminal Type	Terminal Position
	(V)		Length mm	Width mm	Height mm	Total Height mm		
DC12-26	12	26	166	176	125	125	F3(M5)/F13-BP(M5)/T24(M5)	D
DC12-26S	12	26	165	125	174	174	F7(M8) / F11(M6)	D
DC12-28S	12	28	165	125	174	174	F7(M8) / F11(M6)	D
DC6-180	6	180	306	168	220	227	F12(M8)	B
DC6-200	6	200	322	177.5	226	231	F16(M8) / F14(M8)	A
DC6-225	6	225	322	177.5	226	231	F16(M8) / F14(M8)	A
DC6-225S	6	225	243	187	275	275	F14(M8)	B
DC12-40	12	40	198	166	169	169	F4(M5)/F11(M6)	D
DC12-40A	12	40	198	166	169	169	F4(M5)/F11(M6)	D
DC12-55	12	55	229	138	211	216	F15(M6) / F11(M6)	C
DC12-55A	12	55	229	138	211	216	F15(M6) / F11(M6)	C
DC12-65	12	65	350	167	182	182	F5(M8) / F11(M6)	C
DC12-80	12	80	350	167	182	182	F5(M8) / F11(M6)	C
DC12-100S	12	100	306.5	168.5	210	215	F15(M6) / F12(M8)	C
DC12-100SA	12	100	306.5	168.5	210	215	F15(M6) / F12(M8)	C
DC12-100	12	100	328	172	215	220	F5(M8) / F12(M8)	C
DC12-100A	12	100	328	172	215	220	F5(M8) / F12(M8)	C
DC12-120	12	120	407	177	225	225	F5(M8) / F12(M8)	C
DC12-120A	12	120	407	177	225	225	F5(M8) / F12(M8)	C
DC12-120S	12	114	328	172	215	220	F5(M8) / F12(M8)	C
DC12-120SA	12	114	328	172	215	220	F5(M8) / F12(M8)	C
DC12-134	12	134	340	173	280	287	F5(M8) / F12(M8)	C
DC12-145	12	145	340	173	280	287	F5(M8) / F12(M8)	C
DC12-150	12	150	483	170	241	242	F5(M8) / F12(M8)	C
DC12-150A	12	150	483	170	241	242	F5(M8) / F12(M8)	C
DC12-160	12	160	532	207	214	219	F16(M8)/F12(M8)	E
DC12-160A	12	160	532	207	214	219	F16(M8)/F12(M8)	E
DC12-180	12	180	532	207	214	219	F16(M8) / F12(M8)	E
DC12-180A	12	180	532	207	214	219	F16(M8) / F12(M8)	E
DC12-190	12	190	532	207	214	219	F16(M8) / F12(M8)	E
DC12-190H	12	190	532	207	214	219	F16(M8) / F12(M8)	E
DC12-200	12	200	522	240	219	224	F16(M8) / F10(M8)	E
DC12-200A	12	200	522	240	219	224	F16(M8) / F10(M8)	E
DC12-225	12	225	522	240	219	224	F16(M8) / F10(M8)	E
DC12-230	12	230	521	269	204	209	F10(M8)	E
DC12-260	12	260	521	268	220	225	F14(M8)	E
DC12-260H	12	260	521	268	220	225	F14(M8)	E

Model	Nominal Voltage	Capacity C ₂₀ /1.75VPC	Dimension				Terminal Type	Terminal Position
	(V)		(Ah)	Length	Width	Height		
			mm	mm	mm	mm		
FT12-55D	12	55	291	106	230	230	F11(M6)	E
FT12-90D	12	90	562	114	188	188	F6(M8)	E
FT12-100D	12	100	508	110	236	236	F14(M8)	E
FT12-100SD	12	100	410	109	285	293	F9(M8)	E
FT12-105D	12	105	508	110	236	236	F14(M8)/F8(M6)	E
FT12-110D	12	110	410	109	285	293	F9(M8)	E
FT12-150D	12	150	565	110	288	288	F9(M8)	E
FT12-160D	12	160	565	110	288	288	F9(M8)	E
FT12-180D	12	180	560	125	316	316	F14(M8)	E
FT12-185D	12	185	560	125	316	316	F9(M8)	E
FT12-200D	12	200	560	125	316	316	F9(M8)	E

Model	Nominal Voltage	Capacity C ₂₀ /1.80VPC	Dimension				Terminal Type	Terminal Position
	(V)		(Ah)	Length	Width	Height		
			mm	mm	mm	mm		
DC2-200	2	200	171	111	328	340	F10(M8)	G
DC2-250	2	250	171	111	328	340	F10(M8)	G
DC2-300	2	300	170	150	330	342	F10(M8)	G
DC2-400	2	400	170	150	330	342	F10(M8)	G
DC2-500	2	500	211	172	330	342	F10(M8)	G
DC2-600	2	600	241	172	330	342	F10(M8)	H
DC2-800	2	800	301	172	330	342	F10(M8)	H
DC2-1000	2	1000	410	172	330	342	F10(M8)	H
DC2-1200	2	1200	473	172	330	342	F10(M8)	H
DC2-1500	2	1500	355	337	330	342	F10(M8)	K
DC2-2000	2	2000	476	337	330	342	F10(M8)	K
DC2-2500	2	2500	476	337	330	342	F10(M8)	K
DC2-3000	2	3000	696	340	330	342	F10(M8)	L

About VRLA battery (AGM & GEL)

What is VRLA battery?

VRLA(Valve Regulated Lead Acid) battery is sealed lead-acid battery. It includes GEL type and AGM type, both have the following characteristics:

- is sealed using special pressure valves and should never be opened.
- is completely maintenance-free, needn't topping in service life.
- all of its electrolyte are immobilized (absorbed in AGM or fixed in Gel structure).
- uses recombination reaction to prevent the escape of hydrogen and oxygen gases which normally lost in flooded lead-acid battery.
- is non-spillable, and therefore can be operated in virtually any position(except upside-down).

What is GEL battery?

Besides the characteristics of VRLA, GEL battery has:

- using thixotropic gelled electrolyte, it is in a solid state between the plates and separators.
- not like traditional AGM electrolyte “starve” design, GEL battery has more 15~25% electrolyte volume than AGM type.
- different type of separator, such as PE, PVC etc .

Differences between GEL batteries and absorbed glass mat(AGM) batteries?

- Both are sealed recombinant batteries. Both are sealed valve-regulated lead-acid (VRLA). AGM batteries and GEL batteries are both considered “acid-starved” and the electrolyte does not flow like a normal liquid.
- The gel electrolyte has the consistency and appearance of petroleum jelly. Like gelled electrolyte batteries, AGM batteries are also considered non-spillable – all of the liquid electrolyte is trapped in the sponge-like matted glass fiber separator material.
- Due to the physical properties of the gelled electrolyte, gel battery has higher internal resistance. Thus AGM batteries has excellent performance for high current/power discharge and GEL excels in high/lower temperature stability and lower current/power discharge applications.
- AGM batteries has higher specific energy density than GEL batteries. But GEL batteries has longer service life.

What is the difference between VRLA batteries and traditional wet/flooded batteries?

- Wet batteries do not have special pressurized sealing vents, as they do not work on the recombination principle(gases escaped inside the battery during charging).
- It contains liquid electrolyte that can spill/flow and cause corrosion if tipped or punctured. Therefore, they are not air transportable without special containers.
- It can only be installed “upright” and “acid protection” must be maintained at the same time.
- As the wet batteries will lose gases during charging ,it is need maintenance(topping) periodically.
- As the electrolyte can flow , “stratification” will occur and need more overcharge to mix .

DG Series

Deep Cycle Gel Batteries

DG (Deep Cycle GEL) series is designed for frequent cyclic charge and discharge applications under extreme environments. By using strong grids, high purity lead and patented Gel electrolyte, DG series offers excellent recovery after deep discharge under frequent cyclic discharge, and can deliver 400 cycles at 100% DOD. Suitable for solar, CATV, marine, RV and deep discharge UPS etc..



Product Features

- Capacity range: 26Ah-3000Ah
- Voltage class: 2V/6V/12V
- Long design life (25°C): 15 years for 6V/12V
20 years for 2V
- Low self-discharge rate: $\leq 3\%$ per month
- High sealed reaction efficiency: $\geq 98\%$
- High specific energy density
- Excellent charge acceptance
- Wide operation temperature: $-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Grid: patent primary and secondary grid structure design;
- Positive plate: Pasted flat type, high temperature and humidity formation technics;
- Separator: high porosity PE separator with glass fibre good cyclic characteristics and lower resistance;
- Battery container: High strength ABS(UL94-HB) and UL94-V0 is optional;
- Post sealing: patent double layer post sealing
- Safety Valve: narrow operate pressure range and equipped with explosion-proof arrester and acid filter.

Application

- Telecommunication
- Photovoltaic / Wind Energy
- UPS
- Cable TV

Compliant Standards

- IEC60896-21/22-2004
- DIN43539-T5
- IEC61427-2005
- YD/T1360-2005
- GB/T 22473-2008
- ISO9001, ISO14001, OHSAS18001, UL, CE certified

Main Parameters

Model	Nominal Voltage	Capacity $C_{20}/1.75\text{VPC}$	Dimension				Terminal Type	Terminal Position
			Length	Width	Height	Total Height		
	(V)	(Ah)	mm	mm	mm	mm		
DG12-26	12	26	166	176	125	125	F3(M5)/F13-BP(M5)/T24(M5)	D
DG6-100	6	100	194	170	205	212	F14(M8)	A
DG6-150	6	150	260	180	245	252	F12(M8)	B
DG6-180	6	180	306	168	220	227	F12(M8)	B
DG6-200	6	200	322	177.5	226	231	F16(M8) / F14(M8)	A
DG6-225	6	225	322	177.5	226	231	F16(M8) / F14(M8)	A
DG6-280	6	280	295	178	346	351	F14(M8)	B
DG6-310	6	310	295	178	346	351	F14(M8)	B
DG6-335	6	335	295	178	346	351	F14(M8)	B
DG12-33	12	33	195	130	155	168	F7(M8) / F11(M6)	C
DG12-40	12	40	198	166	169	169	F4(M5) / F11(M6)	D
DG12-55	12	55	229	138	211	216	F15(M6) / F11(M6)	C
DG12-65	12	65	350	167	182	182	F5(M8) / F11(M6)	C
DG12-75	12	75	260	169	211	216	F15(M6) / F11(M6)	C
DG12-100S	12	90	306.5	168.5	210	215	F15(M6) / F12(M8)	C
DG12-100	12	100	328	172	215	220	F5(M8) / F12(M8)	C
DG12-120	12	120	407	177	225	225	F5(M8) / F12(M8)	C
DG12-134	12	134	340	173	280	287	F5(M8) / F12(M8)	C
DG12-145	12	145	340	173	280	287	F5(M8) / F12(M8)	C
DG12-150	12	150	483	170	241	242	F5(M8) / F12(M8)	C
DG12-160S	12	160	483	170	241	242	F5(M8) / F12(M8)	C
DG12-160	12	160	532	207	214	219	F16(M8) / F12(M8)	E
DG12-180	12	180	532	207	214	219	F16(M8) / F12(M8)	E
DG12-200	12	200	522	240	219	224	F16(M8) / F10(M8)	E
DG12-225	12	225	522	240	219	224	F16(M8) / F10(M8)	E
DG12-230	12	230	521	269	204	209	F10(M8)	E
DG12-260	12	260	521	268	220	225	F14(M8)	E

Model	Nominal Voltage	Capacity C ₂₀ /1.75VPC	Dimension				Terminal Type	Terminal Position
			Length	Width	Height	Total Height		
	(V)	(Ah)	mm	mm	mm	mm		
FT12-55G	12	55	291	106	230	230	F11(M6)	E
FT12-90G	12	90	562	114	188	188	F6(M8)	E
FT12-100G	12	100	508	110	236	236	F14(M8)	E
FT12-105G	12	105	508	110	236	236	F14(M8)/F8(M8)	E
FT12-110G	12	110	410	109	285	293	F9(M8)	E
FT12-150G	12	150	565	110	288	288	F9(M8)	E
FT12-160G	12	160	565	110	288	288	F9(M8)	E
FT12-180G	12	180	560	125	316	316	F14(M8)	E

Model	Nominal Voltage	Capacity C ₂₀ /1.80VPC	Dimension				Terminal Type	Terminal Position
			Length	Width	Height	Total Height		
	(V)	(Ah)	mm	mm	mm	mm		
DG2-200	2	200	171	111	328	340	F10(M8)	G
DG2-250	2	250	171	111	328	340	F10(M8)	G
DG2-300	2	300	170	150	330	342	F10(M8)	G
DG2-400	2	400	170	150	330	342	F10(M8)	G
DG2-500	2	500	211	172	330	342	F10(M8)	G
DG2-600	2	600	241	172	330	342	F10(M8)	H
DG2-800	2	800	301	172	330	342	F10(M8)	H
DG2-1000	2	1000	410	172	330	342	F10(M8)	H
DG2-1200	2	1200	473	172	330	342	F10(M8)	H
DG2-1500	2	1500	355	337	330	342	F10(M8)	K
DG2-2000	2	2000	476	337	330	342	F10(M8)	K
DG2-2500	2	2500	696	340	330	342	F10(M8)	L
DG2-3000	2	3000	696	340	330	342	F10(M8)	L

SLA BATTERY CONSTRUCTION

Figure1 - Construction of 2V Series

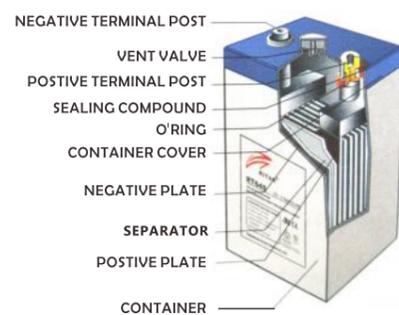
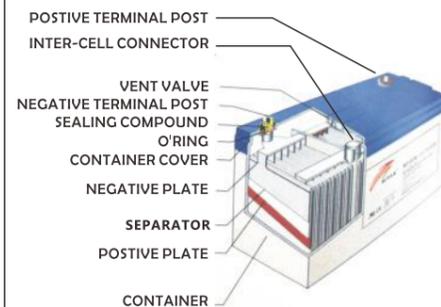


Figure2 - Construction of 12V Series



OPzV Battery Structure

Safety Valves

- New type of fire retardant safety valves
- High sensitivity and low pressure umbrella type rubber cap valve + explosion-proof air cushion
- High-precision exhaust pressure; acid, fire and aging resistance

Battery Cover

- High strength ABS material
- Groove and cover is sealed with high quality glue, ensuring no leakage

Pole

- Pole with embedded copper core
- Safe large current discharge without fever
- Greater current carrying capacity and corrosion resistance

Positive Bus-bar

- Alloy welding rod comb shaped plate
- More contact of the electrode tab and the bus-bar, better welding quality
- Delaying the dropping off of the negative tab from the bus-bar

Positive Grid

- Electrode tab, upper beam, rectangular tube
- Lead core section is unsmooth and continuous serrated, preventing lead sulfate from forming dense passivation film, low discharge, improving battery cycle life
- The contact area of the "W" shaped section of the lead core and the active material is larger, and more contact with the active material, low resistance, strong conductivity and the charge ability is improved

Tube

- High-microporous tube
- Small internal resistance, high strength, strong corrosion resistance, oxidation resistance and long service life

GEL Special Separator

- Special microporous PVC-Sio2 separator imported from Europe, high pore rate and low internal resistance
- Greater electrolyte storage space and affinity
- Excellent performance in oxygen cycle and neutralization reaction, and long cycle life

Sealing Bottom

Terminal

- Terminal pole of six-layer sealing with acid-filter and explosion-proof technology
- Six-layer sealing structure: sealing ring, pressure ring, plastic nut, primer adhesive, color glue; no acid leakage; technology has got national patents

Copper core

- Copper core is embedded in terminal pole
- A positioning sleeve is positioned between the pole and the upper cover; the positioning sleeve and the pole are integrated into one; preventing glue cracking due to terminal heating of large current discharge or stress of plate deformation

Negative Bus-bar

- Negative bus-bar alloy

Negative Grid

- Radial structure of lead calcium alloy
- Support the active material and conduct current, make uniform current distribution
- Improve the utilization of active material and the ability of large current discharge, strong charging acceptance ability

Negative Plate

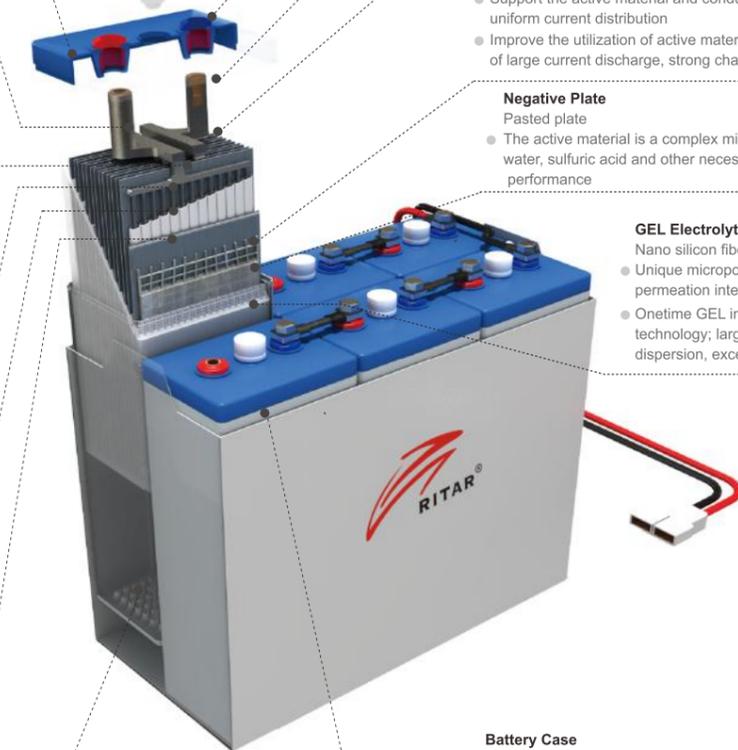
- Pasted plate
- The active material is a complex mixture of lead oxide, water, sulfuric acid and other necessary additives; stable performance

GEL Electrolyte

- Nano silicon fiber active GEL electrolyte
- Unique microporous locking and oxygen permeation internal circulation system
- Onetime GEL injection and internal forming technology; large heat capacity and good dispersion, excellent performance

Battery Case

- ABS case
- Integrated high temperature molding; resistance to impact, compression, tensile and bending; resistance to vibration, wearing, corrosion;
- Surface is glossy and easy to dye; good miscibility, reliable sealing with the cover, no leakage risk



OPzV Series

Tubular Gel Battery

OPzV Tubular Gel Battery series adopts nano gas-phase silica solid-state electrolyte and Tubular Plate technology, offering high reliability and stable performance. The OPzV Tubular Gel Battery series is designed and manufactured according to DIN standards, with die-casted positive grid and patented active material formula, they exceed the DIN standard values. They offer 20~25 cyclic years design life in float service 25°C and are suitable for cyclic use under extreme operating conditions. Suitable for power supply in photovoltaic/wind energy storage, telecommunication and UPS applications.



Product Features

- Capacity range: 60Ah-3000Ah
 - Voltage : 2V/12V
 - Floating design life (25°C): 20~25 years
 - Cycle life : 3500 at 80%DOD (2V)
2200 at 80%DOD (12V)
 - Self discharge rate ≤ 2%/month;
 - High charge acceptance performance;
 - Wide operation temperature: -40°C~60°C
 - Good deep discharge recovery performance.
-
- Electrolyte: solid-state electrolyte uses imported silica, special techniques make it in a gel immobilized state, safer than AGM type battery; special additives make it very stable, lower internal resistance and no stratification;
 - Positive plate: tubular type ,with die- casting thick Pb-Ca grid; it has very good corrosion resistance and a very long service life;
 - Negative plate: pasted flat type, radial grid design ,good high rate discharge performance;
 - Separator: PVC-SiO₂ separator imported from Europe, low internal resistance, high pore rate and long life;
 - Flooded electrolyte design: contain more electrolyte like a flooded battery, space between plates and separators is full of electrolyte thus means good heating capacity and avoid “thermal runaway”;
 - Safety valves: good sensitivity, safe and reliable , equipped with double flame arrester/acid filter;
 - Battery case: made of high strength ABS and durable design.

Applications

- Telecommunication
- Photovoltaic / Wind Energy
- UPS
- Power Storage Plant
- Military

Compliant Standards

- IEC60896-21/22- 2004
- DIN43539-T5
- IEC61427-2005
- YD/T1360-2005
- GB/T 22473-2008
- ISO9001, ISO14001, OHSAS18001, UL, CE certified

Main Parameters

Model	Nominal Voltage	Capacity C ₁₀ /1.80VPC (Ah)	Dimension				Terminal Type	Terminal Position
	(V)		Length	Width	Height	Total Height		
			mm	mm	mm	mm		
OPzV6-160	6	160	322	177.5	226	231	F16(M8)	A
OPzV12-70	12	70	306.5	168.5	210	215	F12(M8)	C
OPzV12-80	12	80	328	172	215	220	F12(M8)	C
OPzV12-90	12	90	407	177	225	225	F12(M8)	C
OPzV12-100	12	100	407	177	225	225	F12(M8)	C
OPzV12-110	12	110	483	170	241	241	F12(M8)	C
OPzV12-120	12	120	483	170	241	241	F12(M8)	C
OPzV12-140	12	140	532	207	214	219	F12(M8)	C
OPzV12-160	12	160	522	240	219	224	F12(M8)	C
OPzV12-180	12	180	522	240	219	224	F10(M8)	C
OPzV12-200	12	200	521	268	220	225	F14(M8)	C
OPzV2-200	2	200	103	206	355	390	F10(M8)	G
OPzV2-250	2	250	124	206	355	390	F10(M8)	G
OPzV2-300	2	300	145	206	355	390	F10(M8)	G
OPzV2-350	2	350	124	206	470	505	F10(M8)	G
OPzV2-420	2	420	145	206	470	505	F10(M8)	G
OPzV2-500	2	490	166	206	470	505	F10(M8)	G
OPzV2-770	2	770	210	254	470	505	F10(M8)	G
OPzV2-600	2	600	145	206	645	680	F10(M8)	G
OPzV2-800	2	800	191	210	645	680	F10(M8)	H
OPzV2-1000	2	1000	233	210	645	680	F10(M8)	H
OPzV2-1200	2	1200	276	210	645	680	F10(M8)	H
OPzV2-1500	2	1500	275	210	795	830	F10(M8)	H
OPzV2-2000	2	2000	399	214	770	805	F10(M8)	I
OPzV2-2500	2	2500	487	212	770	805	F10(M8)	J
OPzV2-3000	2	3000	576	212	770	805	F10(M8)	J



OPzS Series

Flooded Tubular 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. The OPzS series batteries offer 400% more cyclic life than the standby series. It is suitable for solar and wind renewable energy storage, traction etc. The OPzS series is the best choice for energy system in high altitude area.



Product Features

- Capacity range: 250Ah — 3000Ah
 - Voltage : 2V
 - Cycle life: 6000 at 30% DOD
 - Self discharge rate \leq 3.5%/month;
 - High charge acceptance performance;
 - Wide operation temperature: -15°C - 50°C
 - Good deep discharge recovery performance.
-
- Positive plate: tubular type ,with die- casting thick Pb-Sb grid, it has very good corrosion resistance and very long service life;
 - Negative plate: pasted flat type ,radial grid design , good high rate discharge performance;
 - Separator: microporous rubber separators and piercing plastic separators are used to avoid short circuit effectively;
 - Flooded electrolyte design: contain more electrolyte, space between plates and separators are full of electrolyte thus means good heating capacity and avoid" thermal runaway"
 - Acid Mist Proof Cap: equipped with a special acid mist proof cap, which filters acid mist generates inside the battery to prevent acid overflow and corrosion to house or equipments;
 - Battery Case: made of transparent AS resin and the internal state of the battery can be observed.

Applications

- Photovoltaic / Wind Power
- Traction electric vehicles
- Telecom System
- UPS

Compliant Standards

- IEC 60896-11
- DIN40736-2
- ISO9001, ISO14001, OHSAS18001, UL, CE certified

Main Parameters

Model	Nominal Voltage (V)	Capacity C ₁₀ /1.80VPC (Ah)	Dimension				Terminal Type	Terminal Position
			Length (mm)	Width (mm)	Height (mm)	Total Height (mm)		
OPzS2-250	2	250	124	206	356	413	F10(M8)	G
OPzS2-300	2	300	145	206	356	413	F10(M8)	G
OPzS2-350	2	350	124	206	471	528	F10(M8)	G
OPzS2-420	2	420	145	206	471	528	F10(M8)	G
OPzS2-490	2	490	166	206	471	528	F10(M8)	G
OPzS2-600	2	600	145	206	646	703	F10(M8)	G
OPzS2-770	2	770	210	254	471	528	F10(M8)	G
OPzS2-800	2	800	191	210	646	703	F10(M8)	H
OPzS2-1000	2	1000	233	210	646	703	F10(M8)	H
OPzS2-1200	2	1200	275	210	646	703	F10(M8)	H
OPzS2-1500	2	1500	275	210	795	852	F10(M8)	H
OPzS2-2000	2	2000	399	214	770	827	F10(M8)	I
OPzS2-2500	2	2500	487	212	770	827	F10(M8)	J
OPzS2-3000	2	3000	576	212	770	827	F10(M8)	J



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.



Product Features

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

Applications

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

Compliant Standards

- GB/T 22199-2008;
- GB/T 23636-2009;
- GB/T 18332.1-2009;
- ISO9001, ISO14001, OHSAS18001, UL, CE certified



Model	Nominal Voltage	Capacity C ₂₀ /1.75VPC	Dimension				Weight Kg	Terminal Type	Terminal Position
	(V)		(Ah)	Length mm	Width mm	Height mm			
EV12-10	12	10	151	98	95	101	3.85	F1/F2	F
EV12-12	12	12	151	98	95	101	4.20	F1/F2	F
EV12-14	12	14	151	98	99	105	4.20	F1/F2	F
EV12-18	12	18	181	77	167	167	5.90	F3(M5) / F13-BP(M5)	D
EV12-22	12	22	181	77	167	167	6.20	F3(M5) / F13-BP(M5)	D
EV12-22	12	22	181	77	170	170	6.20	F18	D
EV12-24	12	24	182.5	78.5	170	170	7.00	T23	D
EV12-24X	12	24	181	77	170	170	7.00	F18	B
EV12-26	12	26	166	175	125	125	8.60	F3(M5) / F13-BP(M5)	B
EV6-180	6	180	306	168	220	227	28.0	F12	B
EV6-200S	6	200	306	168	220	227	29.0	F12(M8)	C
EV6-200	6	200	322	177.5	226	231	30.0	F12(M8)	C
EV6-205	6	205	260	180	245	264	29.0	F14(M8)/F22(M8)	E
EV6-225S	6	225	260	180	245	264	31.5	F14(M8)/F22(M8)	E

Main Parameters

Model	Nominal Voltage	Capacity C ₂₀ /1.80VPC	Dimension				Terminal Type	Terminal Position
	(V)		(Ah)	Length mm	Width mm	Height mm		
EV6-210	6	210	322	177.5	226	231	F12(M8)	A
EV6-220	6	220	306	168	220	227	F12(M8)	B
EV6-225	6	225	260	180	263	282	F14(M8)/F22(M8)	B
EV6-240	6	240	260	180	263	282	F14(M8)/F22(M8)	B
EV6-260	6	260	260	180	263	282	F14(M8)/F22(M8)	B
EV6-310	6	310	295	178	346	364	F14(M8)/F22(M8)	B
EV6-335	6	335	295	178	346	364	F14(M8)/F22(M8)	B
EV6-400	6	400	295	178	404	423	F14(M8)/F22(M8)	B
EV8-170	8	170	260	182	295	314	F14(M8)/F22(M8)	C
EV8-170S	8	170	260	182	267	272	F14(M8)/F22(M8)	C
EV8-200	8	200	260	182	295	314	F14(M8)/F22(M8)	C
EV12-33	12	33	195	130	155	168	F7(M8)/F11(M6)	C
EV12-33H	12	33	195	130	155	168	F7(M8)/F11(M6)	C
EV12-45	12	45	198	166	169	169	F4(M5)/F11(M6)	D
EV12-55	12	55	229	138	211	216	F15(M6)/F11(M6)/L3	C
EV12-60	12	60	260	169	180	185	F15(M6)/F11(M6)/L3	C
EV12-75	12	75	260	169	211	216	F15(M6)/F11(M6)/L4	C
EV12-90S	12	90	260	169	211	216	F15(M6)/F11(M6)/L4	C
EV12-100S	12	100	306.5	168.5	210	215	F15(M6)/F12(M8)/L4	C
EV12-100	12	100	328	172	215	220	F5(M8)/F12(M8)/L7	C
EV12-110	12	110	328	172	215	220	F5(M8)/F12(M8)/L7	C
EV12-120	12	120	407	177	225	225	F5(M8)/F12(M8)	C
EV12-150	12	150	483	170	241	242	F5(M8)/F12(M8)	C
EV12-150S	12	150	327	180	271	273	F10(M8)	/
EV12-180	12	180	532	207	214	219	F16(M8)/F12(M8)/L6	C
EV12-180S	12	180	483	170	241	242	F5(M8)/F12(M8)	C
EV12-200	12	200	522	240	219	224	F16(M8)/F10(M8)/L6	E
EV12-215	12	215	382	179	351	370	F22(M8)/F23(M8)	C
EV12-215S	12	215	382	179	351	370	F22(M8)/F23(M8)	C
EV12-240	12	240	522	240	219	224	F16(M8)/F10(M8)/L6	E
EV12-280	12	280	521	268	220	225	F14(M8)/L6	E
EV12-300	12	300	521	268	220	225	F14(M8)/L6	E

Electric Tricycle Series

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

Golf Cart Series

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

Traction Series

Forklift, Factory/Mine Explosion-proof Batteries

Featured by large capacity, good sealing performance and long service life, Ritar 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.



Product Features

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



Applications

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

Compliant Standards

- IEC 60254- 2005
- DIN/EN 60254-2
- GB 7403-2008
- ISO9001, ISO14001, OHSAS18001, UL, CE certified

DIN Traction Series

Model	Voltage (V)	Capacity C _s (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
2PZS120	2	120	2	D2&D4	47*198*345(375)
3PZS180	2	180	2	D2&D4	65*198*345(375)
4PZS240	2	240	2	D2&D4	83*198*345(375)
5PZS300	2	300	2	D2&D4	101*198*345(375)
6PZS360	2	360	2	D2&D4	119*198*345(375)
7PZS420-2	2	420	2	D2&D4	137*198*345(375)
7PZS420-4	2	420	4	D2&D4	137*198*345(375)
8PZS480	2	480	4	D2&D4	155*198*345(375)
9PZS540	2	540	4	D2&D4	174*198*340(370)
10PZS600	2	600	4	D2&D4	192*198*340(370)

2PZS160	2	160	2	D2&D4	47*198*405(435)
3PZS240	2	240	2	D2&D4	65*198*405(435)
4PZS320	2	320	2	D2&D4	83*198*405(435)
5PZS400	2	400	2	D2&D4	101*198*405(435)
6PZS480	2	480	2	D2&D4	119*198*405(435)
7PZS560-2	2	560	2	D2&D4	137*198*405(435)
7PZS560-4	2	560	4	D2&D4	137*198*405(435)
8PZS640	2	640	4	D2&D4	155*198*405(435)
9PZS720	2	720	4	D2&D4	174*198*405(435)
10PZS800	2	800	4	D2&D4	192*198*405(435)

2PZS180	2	180	2	D2&D4	47*198*475(505)
3PZS270	2	270	2	D2&D4	65*198*475(505)
4PZS360	2	360	2	D2&D4	83*198*475(505)
5PZS450	2	450	2	D2&D4	101*198*475(505)
6PZS540	2	540	2	D2&D4	119*198*475(505)
7PZS630-2	2	630	2	D2&D4	137*198*475(505)
7PZS630-4	2	630	4	D2&D4	137*198*475(505)
8PZS720	2	720	4	D2&D4	155*198*475(505)
9PZS810	2	810	4	D2&D4	174*198*475(505)
10PZS900	2	900	4	D2&D4	192*198*475(505)

2PZS210	2	210	2	D2&D4	47*198*519(549)
3PZS315	2	315	2	D2&D4	65*198*519(549)
4PZS420	2	420	2	D2&D4	83*198*519(549)
5PZS525	2	525	2	D2&D4	101*198*519(549)
6PZS630	2	630	2	D2&D4	119*198*519(549)
7PZS735-2	2	735	2	D2&D4	137*198*519(549)
7PZS735-4	2	735	4	D2&D4	137*198*519(549)
8PZS840	2	840	4	D2&D4	155*198*519(549)
9PZS945	2	945	4	D2&D4	174*198*519(549)
10PZS1050	2	1050	4	D2&D4	192*198*519(549)

DIN Traction Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
2PZS230	2	230	2	D2&D4	47*198*545(575)
3PZS345	2	345	2	D2&D4	65*198*545(575)
4PZS460	2	460	2	D2&D4	83*198*545(575)
5PZS575	2	575	2	D2&D4	101*198*545(575)
6PZS690	2	690	2	D2&D4	119*198*545(575)
7PZS805-2	2	805	2	D2&D4	137*198*545(575)
7PZS805-4	2	805	4	D2&D4	137*198*545(575)
8PZS920	2	920	4	D2&D4	155*198*545(575)
9PZS1035	2	1035	4	D2&D4	174*198*545(575)
10PZS1150	2	1150	4	D2&D4	192*198*545(575)
2PZS250	2	250	2	D2&D4	47*198*570(600)
3PZS375	2	375	2	D2&D4	65*198*570(600)
4PZS500	2	500	2	D2&D4	83*198*570(600)
5PZS625	2	625	2	D2&D4	101*198*570(600)
6PZS750	2	750	2	D2&D4	119*198*570(600)
7PZS875-2	2	875	2	D2&D4	137*198*570(600)
7PZS875-4	2	875	4	D2&D4	137*198*570(600)
8PZS1000	2	1000	4	D2&D4	155*198*570(600)
9PZS1125	2	1125	4	D2&D4	174*198*570(600)
10PZS1250	2	1250	4	D2&D4	192*198*570(600)
2PZS280	2	280	2	D2&D4	47*198*685(715)
3PZS420	2	420	2	D2&D4	65*198*685(715)
4PZS560	2	560	2	D2&D4	83*198*685(715)
5PZS700	2	700	2	D2&D4	101*198*685(715)
6PZS840	2	840	2	D2&D4	119*198*685(715)
7PZS980-2	2	980	2	D2&D4	137*198*685(715)
7PZS980-4	2	980	4	D2&D4	137*198*685(715)
8PZS1120	2	1120	4	D2&D4	155*198*685(715)
9PZS1260	2	1260	4	D2&D4	174*198*685(715)
10PZS1400	2	1400	4	D2&D4	192*198*685(715)
2PZS310	2	310	2	D2&D4	47*198*720(750)
3PZS465	2	465	2	D2&D4	65*198*720(750)
4PZS620	2	620	2	D2&D4	83*198*720(750)
5PZS775	2	775	2	D2&D4	101*198*720(750)
6PZS930	2	930	2	D2&D4	119*198*720(750)
7PZS1085-2	2	1085	2	D2&D4	137*198*720(750)
7PZS1085-4	2	1085	4	D2&D4	137*198*720(750)
8PZS1240	2	1240	4	D2&D4	155*198*720(750)
9PZS1395	2	1395	4	D2&D4	174*198*720(750)
10PZS1550	2	1550	4	D2&D4	192*198*720(750)

BS Traction Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
2PZB84	2	84	2	D2&D4	45*158*343(373)
3PZB126	2	126	2	D2&D4	61*158*343(373)
4PZB168	2	168	2	D2&D4	77*158*343(373)
5PZB210	2	210	2	D2&D4	93*158*343(373)
6PZB252	2	252	2	D2&D4	109*158*343(373)
7PZB294	2	294	2	D2&D4	125*158*343(373)
8PZB336	2	336	2	D2&D4	141*158*343(373)
2PZB110	2	110	2	D2&D4	45*158*398(428)
3PZB165	2	165	2	D2&D4	61*158*398(428)
4PZB220	2	220	2	D2&D4	77*158*398(428)
5PZB275	2	275	2	D2&D4	93*158*398(428)
6PZB330	2	330	2	D2&D4	109*158*398(428)
7PZB385	2	385	2	D2&D4	125*158*398(428)
8PZB440	2	440	2	D2&D4	141*158*398(428)
9PZB495-2	2	495	2	D2&D4	157*158*398(428)
9PZB495-4	2	495	2	D2&D4	157*158*398(428)
10PZB550-2	2	550	2	D2&D4	173*158*398(428)
10PZB550-4	2	550	2	D2&D4	173*158*398(428)
11PZB605	2	605	2	D2&D4	189*158*398(428)
12PZB660	2	660	2	D2&D4	205*158*398(428)
2PZB130	2	130	2	D2&D4	45*158*454(484)
3PZB195	2	195	2	D2&D4	61*158*454(484)
4PZB260	2	260	2	D2&D4	77*158*454(484)
5PZB325	2	325	2	D2&D4	93*158*454(484)
6PZB390	2	390	2	D2&D4	109*158*454(484)
7PZB455	2	455	2	D2&D4	125*158*454(484)
8PZB520	2	520	2	D2&D4	141*158*454(484)
9PZB585-2	2	585	2	D2&D4	157*158*454(484)
9PZB585-4	2	585	2	D2&D4	157*158*454(484)
10PZB650-2	2	650	2	D2&D4	173*158*454(484)
10PZB650-4	2	650	2	D2&D4	173*158*454(484)
11PZB715	2	715	2	D2&D4	189*158*454(484)
12PZB780	2	780	2	D2&D4	205*158*454(484)
2PZB140	2	140	2	D2&D4	45*158*492(522)
3PZB210	2	210	2	D2&D4	61*158*492(522)
4PZB280	2	280	2	D2&D4	77*158*492(522)
5PZB350	2	350	2	D2&D4	93*158*492(522)
6PZB420	2	420	2	D2&D4	109*158*492(522)
7PZB490	2	490	2	D2&D4	125*158*492(522)
8PZB560	2	560	2	D2&D4	141*158*492(522)
9PZB630-2	2	630	2	D2&D4	157*158*492(522)
9PZB630-4	2	630	2	D2&D4	157*158*492(522)
10PZB700-2	2	700	2	D2&D4	173*158*492(522)
10PZB700-4	2	700	2	D2&D4	173*158*492(522)

BS Traction Series

Model	Voltage (V)	Capacity C _s (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
2PZB150	2	150	2	D2&D4	45*158*511(541)
3PZB225	2	225	2	D2&D4	61*158*511(541)
4PZB300	2	300	2	D2&D4	77*158*511(541)
4PZB300A	2	300	2	D2&D4	70*158*489(519)
5PZB375	2	375	2	D2&D4	93*158*511(541)
6PZB450	2	450	2	D2&D4	109*158*511(541)
7PZB525	2	525	2	D2&D4	125*158*511(541)
8PZB600	2	600	2	D2&D4	141*158*511(541)
9PZB675-2	2	675	2	D2&D4	157*158*511(541)
9PZB675-4	2	675	2	D2&D4	157*158*511(541)
10PZB750-2	2	750	2	D2&D4	173*158*511(541)
10PZB750-4	2	750	2	D2&D4	173*158*511(541)
11PZB825	2	825	2	D2&D4	189*158*511(541)
12PZB900	2	900	2	D2&D4	205*158*511(541)
2PZB160	2	160	2	D2&D4	45*158*546(576)
3PZB240	2	240	2	D2&D4	61*158*546(576)
4PZB320	2	320	2	D2&D4	77*158*546(576)
5PZB400	2	400	2	D2&D4	93*158*546(576)
6PZB480	2	480	2	D2&D4	109*158*546(576)
7PZB560	2	560	2	D2&D4	125*158*546(576)
8PZB640	2	640	2	D2&D4	141*158*546(576)
9PZB720-2	2	720	2	D2&D4	157*158*546(576)
9PZB720-4	2	720	2	D2&D4	157*158*546(576)
10PZB800-2	2	800	2	D2&D4	173*158*546(576)
10PZB800-4	2	800	2	D2&D4	173*158*546(576)
2PZB170	2	170	2	D2&D4	45*158*567(597)
3PZB255	2	255	2	D2&D4	61*158*567(597)
4PZB340	2	340	2	D2&D4	77*158*567(597)
5PZB425	2	425	2	D2&D4	93*158*567(597)
6PZB510	2	510	2	D2&D4	109*158*567(597)
7PZB595	2	595	2	D2&D4	125*158*567(597)
8PZB680	2	680	2	D2&D4	141*158*567(597)
9PZB765-2	2	765	2	D2&D4	157*158*567(597)
9PZB765-4	2	765	2	D2&D4	157*158*567(597)
10PZB850-2	2	850	2	D2&D4	173*158*567(597)
10PZB850-4	2	850	2	D2&D4	173*158*567(597)
11PZB935	2	935	2	D2&D4	189*158*567(597)
12PZB1020	2	1020	2	D2&D4	205*158*567(597)
2PZB180	2	180	2	D2&D4	45*158*612(642)
3PZB270	2	270	2	D2&D4	61*158*612(642)
4PZB360	2	360	2	D2&D4	77*158*612(642)
5PZB450	2	450	2	D2&D4	93*158*612(642)
6PZB540	2	540	2	D2&D4	109*158*612(642)
7PZB630	2	630	2	D2&D4	125*158*612(642)
8PZB720	2	720	2	D2&D4	141*158*612(642)
9PZB810-2	2	810	2	D2&D4	157*158*612(642)
9PZB810-4	2	810	2	D2&D4	157*158*612(642)
10PZB900-2	2	900	2	D2&D4	173*158*612(642)
10PZB900-4	2	900	2	D2&D4	173*158*612(642)

BS Traction Series

Model	Voltage (V)	Capacity C _s (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
2PZB200	2	200	2	D2&D4	45*158*683(713)
3PZB300	2	300	2	D2&D4	61*158*683(713)
4PZB400	2	400	2	D2&D4	77*158*683(713)
5PZB500	2	500	2	D2&D4	93*158*683(713)
6PZB600	2	600	2	D2&D4	109*158*683(713)
7PZB700	2	700	2	D2&D4	125*158*683(713)
8PZB800	2	800	2	D2&D4	141*158*683(713)
9PZB900-2	2	900	2	D2&D4	157*158*683(713)
9PZB900-4	2	900	2	D2&D4	157*158*683(713)
10PZB1000-2	2	1000	2	D2&D4	173*158*683(713)
10PZB1000-4	2	1000	2	D2&D4	173*158*683(713)
11PZB1100	2	1100	2	D2&D4	189*158*683(713)
12PZB1200	2	1200	2	D2&D4	205*158*683(713)
2PZB210	2	210	2	D2&D4	45*158*683(713)
3PZB315	2	315	2	D2&D4	61*158*683(713)
4PZB420	2	420	2	D2&D4	77*158*683(713)
5PZB525	2	525	2	D2&D4	93*158*683(713)
6PZB630	2	630	2	D2&D4	109*158*683(713)
7PZB735	2	735	2	D2&D4	125*158*683(713)
8PZB840	2	840	2	D2&D4	141*158*683(713)
9PZB945-2	2	945	2	D2&D4	157*158*683(713)
9PZB945-4	2	945	2	D2&D4	157*158*683(713)
10PZB1050-2	2	1050	2	D2&D4	173*158*683(713)
10PZB1050-4	2	1050	2	D2&D4	173*158*683(713)
11PZB1155	2	1155	2	D2&D4	189*158*683(713)
12PZB1260	2	1260	2	D2&D4	205*158*683(713)

General Traction Series

Model	Voltage (V)	Capacity C _s (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
D-250	2	250	2	D3	208*140*300(350)
D-330	2	330	2 or 4	D3	180*138*405(450)
D-330H	2	330	2 or 4	D3	180*138*405(450)
D-330(B)	2	330	2	D3	141*158*380(450)
D-395	2	385	4	D3	180*138*405(450)
D-395H	2	385	4	D3	180*138*405(450)
D-400(B)	2	385	2 or 4	D3	141*158*380(450)
D-440	2	440	4	D3	180*176*400(450)
D-440H	2	440	4	D3	180*176*400(450)

Factory Explosion-proof Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
D-250-GT	2	250	4	D1	208*138*320(370)
D-500-GT	2	500	4	D1	185*170*490(550)
D-400-GT	2	385	4	D1	141*158*405(460)
D-440-GT(B)	2	440	4	D1	205*160*335(370)
D-450-GT	2	450	4	D1	205*160*335(370)

Mine Explosion-proof Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
D-330KT	2	330	4	D1	180*138*415(460)
D-330KTH	2	330	4	D1	180*138*415(460)
D-385KT	2	385	4	D1	180*138*415(460)
D-385KTH	2	385	4	D1	180*138*415(460)
D-440KT	2	440	4	D1	180*176*415(460)
D-440KTH	2	440	4	D1	180*176*415(460)
D-440KT(B)	2	420	4	D1	207*160*330(370)
D-560KT	2	560	4	D1	164*146*530(580)
D-560KTH	2	560	4	D1	164*146*530(580)
D-620KT	2	620	4	D1	177*160*470(510)
D-700KT	2	700	4	D1	173*158*490(510)
D-560KTB	2	560	4	D1	125*158*610(650)

Maintenance-free Mine Explosion-proof Series

Model	Voltage (V)	Capacity C ₅ (Ah)	Terminal Quantity	Terminal Type	Dimension
					L*W*H(HT) (mm)
DM330KT	2	330	4	D1	182*138*420(441)
DM385KT	2	385	4	D1	182*138*420(441)
DM440KT	2	440	4	D1	182*176*420(441)
DM330KTB	2	330	4	D1	182*140*367(392)
DM385KTB	2	385	4	D1	182*140*367(392)
DM440KTB	2	440	4	D1	180*166*365(391)



Certificates



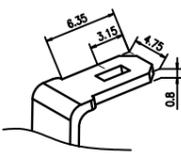
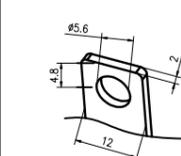
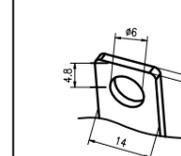
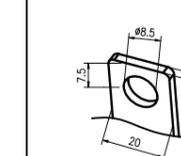
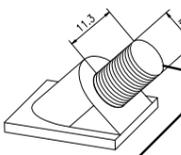
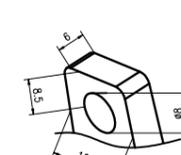
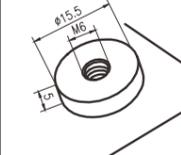
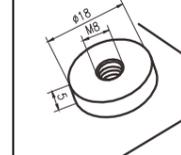
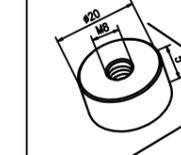
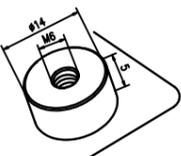
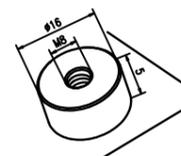
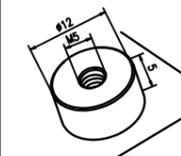
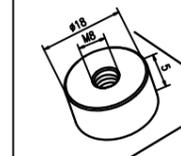
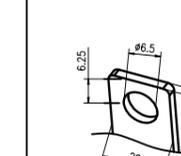
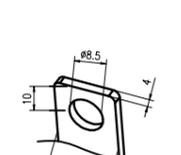
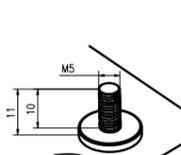
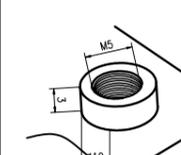
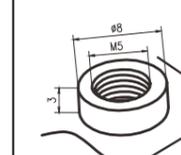
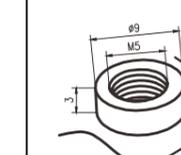
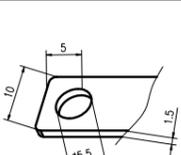
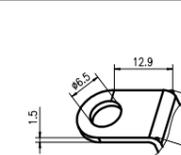
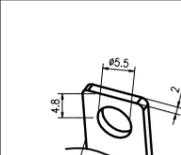
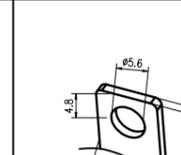
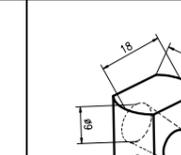
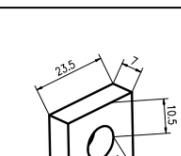
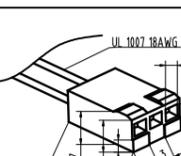
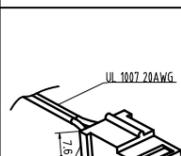
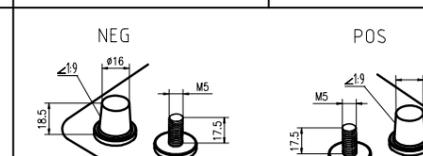
- UL: MH28539
- CE: G4M20206-910-E-16
- ISO9001, ISO14001, ISO45001

Project Cases

Ritar has been striving to provide high quality products and service, and is proud to be the reliable supplier of many well-known companies in power supply, Internet, telecom, new energy sectors, etc. The projects we did enjoy a fine reputation in over 100 countries and regions across the world.



Terminal Drawing:

 F1 Terminal	 F2 Terminal	 F3 Terminal	 F4 Terminal	 F5 Terminal
 F6 Terminal	 F7 Terminal	 F8 Terminal	 F9 Terminal	 F10 Terminal
 F11 Terminal	 F12 Terminal	 F13 Terminal	 F14 Terminal	 F15 Terminal
 F16 Terminal	 F17 Terminal	 F18 Terminal	 F19 Terminal	 F20 Terminal
 T23 Terminal	 T24 Terminal	 T25 Terminal	 T26 Terminal	 L1 Terminal
 L2 Terminal	 T1 Terminal	 T9 Terminal	 F22 Terminal	

Post Position:

