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CHINA RITAR POWER CORP.



Ritar---Listed in Nasdaq



Ritar went to public in the US as China Ritar Power Corp. (CRTP) through a reverse merger in February 2007 and began trading on the NASDAQ Global Market in August, 2009. Ritar became a strong capitalized enterprise with recent participation from foreign investors.

Ritar, Incorporated in 2002, designs, develops, manufactures and sells high-end environmentally friendly Sealed Lead Acid (SLA) batteries in China and all over the world. Ritar has brought to the market a wide range of SLA batteries with 6 series and 200 models, which are used in a variety of applications, including uninterruptible power supply (UPS) systems, telecommunications backup power systems, light electric vehicles (LEVs), wind and solar power applications.

The company is a high-tech enterprise headquartered in Nanshan District, Shenzhen, China, and has 3 manufacturing bases in Shenzhen, Shanghai, and Hengyang. The Ritar Hengyang Industrial Park is strategically located near lead mining industry in Hunan Province. Ritar has approximately 2,000 employees, including two professors who have experience of above 40 years in batteries research and over 50 research workers. The company sells products primarily under the "Ritar" brand through partners all over the world.

The corporate entity includes research, scientific development, production and trading capabilities. An integrated production and management system has been established in Ritar. In general, Ritar's primary products consist of RT Series, RA Series, RL Series, FT Series, EV Series together with High Rate Discharging Series, AGM Deep Cycle Series, Nano Silicon GEL Standby Series and Nano Silicon GEL Deep Cycle Series, commonly used in energy crisis and environment protection requirements as secondary power.

Approximately 63% of Ritar's products are currently exported to over 100 countries throughout the world. Some of the US Fortune 500 companies have become our long-standing and satisfied partners.

Ritar is one of the few manufacturers whose products are based upon lead-calcium-stannum formula which is free of toxic cadmium. It is also one of the leading Chinese lead acid battery companies to attain the following certificates: UL, CE, ISO9001, ISO14001, OHSAS18001, as well as to meet electromagnetic compatibility test standards upon request from customers. Also, Ritar batteries compile with international standards, such as JIS, IEC, BS etc.

Ritar has built its brand by focusing on R&D, high product quality, manufacturing and distributing efficiency, and considerate customer service. Looking to the future, Ritar is well positioned to capitalize the growing global outsourcing trend and to the increasing demand of lead acid battery in China and abroad.





GEL Series

Main Products

RT Series(0.8Ah-28Ah);
RA Series(33Ah-260Ah);
RL Series(2V50Ah-3000Ah);
High Rate Discharging Series;
Front Terminal Series;
Electric Vehicle Series;
AGM Deep Cycle Series;
GEL Standby Series;
GEL Deep Cycle Series;



FT Series



RA Series



DC Series



RT Series



RL Series



Charger Series

Certificates



■ UL: MH28539

■ CE: G4M20206-910-E-16

■ ISO9001, ISO14001, OHSAS18001

Environmentally friendly products

We offer the Cd-free batteries...

The battery plate of Ritar Power is made from high density tin and Lead Calcium alloy material which is without any cadmium material and very friendly to environment.

Recent years, following the battery powered electric vehicle development, the market of electric vehicle battery has thrived, and reached RMB20-30 billion total in market share. However, because of weak technology on electric vehicle battery, the cyclic performance and life time of the battery can not meet user's requirement. To solve this problem, lots of battery manufactures enhanced their cyclic life by adding Cadmium to grid, which causes environment problem and does harm to people's health.

Since 2002, Ritar Power has been researching and manufacturing electric vehicle battery which is environment protective. Within a few years' unremitting endeavor, Ritar Power have tested several thousands pieces batteries and collected almost ten million experimental datum. Now, in Chinese electric vehicle industry, Ritar battery quality has been on top and the market share from Ritar brand electric vehicle battery has been one of the top three. From 2007, Ritar will make further progress on product development, product performance and marketing & international financing, to provide our domestic and overseas customers with better quality and more environment protective batteries continuously.

RT Series (5 years life)

Model No.	Voltage (V)	Capacity (20 hr/25°C) (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RT613	6	1.3	0.31	F1	97 * 24 * 52
RT628	6	2.8	0.60	F1	66 * 33 * 98
RT632	6	3.2	0.65	F1	134 * 35 * 61
RT636	6	3.4	0.65	T1	194 * 25 * 62
RT640S	6	4.0	0.75	T1	194 * 25 * 62
RT645	6	4.5	0.72	F1	70 * 47 * 101
RT650	6	5.0	0.75	F1 / F2	70 * 47 * 101
RT655	6	5.5	0.80	F1 / F2	70 * 47 * 101
RT670	6	7.0	1.15	F1 / F2	151 * 34 * 94
RT680	6	8.0	1.20	F1 / F2	151 * 34 * 94
RT6100	6	10	1.85	F1 / F2	151 * 50 * 95
RT6120	6	12	1.80	F1 / F2	151 * 50 * 95
RT1213	12	1.3	0.60	F1	97 * 43 * 52
RT1223E	12	2.2	0.83	F1	178 * 35 * 61
RT1223	12	2.3	0.97	F1	178 * 35 * 61
RT1232	12	3.2	1.30	F1	134 * 67 * 61
RT1245	12	4.5	1.40	F1 / F2	90 * 70 * 101
RT1245S	12	4.5	1.40	F1 / F2	195 * 47 * 70
RT1250	12	5.0	1.60	F1 / F2	90 * 70 * 101
RT1250B	12	5.0	1.80	F1 / F2	151.5 * 50 * 95
RT1255	12	5.5	1.70	F1 / F2	90 * 70 * 101
RT1270E	12	7.0	2.00	F1 / F2	151 * 65 * 93.5
RT1272	12	7.2	2.15	F1 / F2	151 * 65 * 93.5
RT1275	12	7.5	2.20	F1 / F2	151 * 65 * 93.5
RT1280	12	8.0	2.26	F1 / F2	151 * 65 * 93.5
RT1290	12	9.0	2.55	F1 / F2	151 * 65 * 93.5
RT12100	12	10	3.20	F1 / F2	151 * 98 * 95
RT12100S	12	10	3.20	F1 / F2	151 * 65 * 111
RT12120	12	12	3.60	F1 / F2	151 * 98 * 95
RT12180	12	18	5.00	F3 / F13	181 * 77 * 167
RT12180E1	12	18	5.20	F3 / T26	181 * 77 * 167
RT12180E2	12	18	5.40	F3 / T26	181 * 77 * 167
RT12180C1	12	18	5.60	F3 / T26	181 * 77 * 167
RT12180C2	12	18	5.80	F3 / T26	181 * 77 * 167
RT12200A1	12	18	5.80	F3 / T26	181 * 77 * 167
RT12200	12	20	5.90	F3 / F13	181 * 77 * 167
RT12200E	12	20	5.80	F3 / F13	181 * 77 * 167
RT12260	12	26	8.10	F3 / F13	166 * 175 * 125
RT12260S	12	26	8.80	F7 / F11	165 * 126 * 174
RT12280	12	28	8.80	F3 / F13	188 * 175 * 125
RT12280S	12	28	10.00	F7 / F11	165 * 126 * 174



RT Series:

RT is a general purpose battery with 5 years life in standby service, or more than 260 cycles at 100% D.O.D by cyclic use. As with all Ritar batteries, all RT models are rechargeable, highly efficient, leak proof and maintenance free.

Tips

Stable Quality & High Reliability
RITAR battery is well-known for its stable and reliable performance. RITAR batteries are easy to maintain; thus, permitting a safe and proper operation of the equipment that the battery powers. The battery can withstand overcharge, over discharge, vibration, and shock. It is also capable of extended storage.

Sealed Construction
RITAR's unique construction and sealing technique guarantees that no electrolyte leakage can occur from the terminals or case of any RITAR battery. This feature insures safe and efficient operation of RITAR batteries in any position. RITAR batteries are classified as "Non-Spillable" and will meet all requirements of the International Air Transport Association.

RA Series (10 years life)

Model No.	Voltage (V)	Capacity (10 hr/25°C) (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RA2-100	2	100	6.5	F10	171 * 72 * 208 (208)
RA2-150	2	150	8.0	F10	172 * 102 * 208 (227)
RA6-100	6	100	16.5	F14	194 * 170 * 205
RA6-150	6	150	23.5	F12	260 * 180 * 247
RA6-180	6	180	26.5	F12	306 * 168 * 222
RA6-200	6	200	29.0	F14 / F16	322 * 177.5 * 226
RA6-200S	6	200	30.0	F12	260 * 180 * 247
RA6-225	6	225	31.0	F14 / F16	322 * 177.5 * 226
RA6-225S	6	225	32.0	F14	243 * 187.5 * 275
RA12-33	12	33	10.2	F7 / F11	195 * 130 * 169
RA12-38	12	38	12.8	F4 / F11	198 * 166 * 171
RA12-40	12	40	13.2	F4 / F11	198 * 166 * 171
RA12-45	12	45	13.5	F4 / F11	198 * 166 * 171
RA12-55	12	55	18.0	F11 / F15	229 * 138 * 210
RA12-60	12	60	20.5	F11 / F15	260 * 169 * 210
RA12-65	12	65	21.0	F5 / F11	350 * 167 * 180
RA12-70	12	70	22.5	F5 / F11	350 * 167 * 180
RA12-70S	12	70	21.5	F11 / F15	260 * 169 * 210
RA12-75	12	75	23.5	F11 / F15	260 * 169 * 210
RA12-80	12	80	24.0	F5 / F11	350 * 167 * 180
RA12-85	12	85	26.0	F12 / F15	306.5 * 169 * 210
RA12-90	12	90	28.5	F12 / F15	306.5 * 169 * 210
RA12-95	12	95	28.5	F5 / F12	328 * 172 * 222
RA12-100	12	100	30.0	F5 / F12	328 * 172 * 222
RA12-100C	12	120	32.0	F5 / F12	406 * 174 * 208
RA12-100S	12	100	29.0	F12 / F15	306.5 * 169 * 210
RA12-120	12	120	35.0	F5 / F12	407 * 177 * 225
RA12-120S	12	120	32.0	F5 / F12	328 * 172 * 222
RA12-134	12	134	41.5	F5 / F12	340 * 173 * 280
RA12-145	12	145	44.0	F5 / F12	340 * 173 * 280
RA12-150	12	150	44.5	F5 / F12	483 * 170 * 240
RA12-160	12	160	53.0	F12 / F16	530 * 209 * 214
RA12-180	12	180	53.0	F12 / F16	530 * 209 * 214
RA12-200	12	200	60.0	F12 / F16	522 * 240 * 219
RA12-225	12	225	65.0	F12 / F16	522 * 240 * 219
RA12-230	12	230	67.0	F12	521 * 269 * 203
RA12-240	12	240	69.0	F12 / F16	522 * 240 * 219
RA12-260	12	260	74.0	F14	520 * 268 * 220



RA Series:

RA is a general purpose battery with 10 years design life time in float charging use. As with all Ritar batteries, all RA models are rechargeable, highly efficient, leak proof and maintenance free.

Tips

Maintenance-Free Operation
During the expected float service life of RITAR batteries, there is no need to check the specific gravity of the electrolyte, or add water. In fact, there is no provision for these maintenance functions.

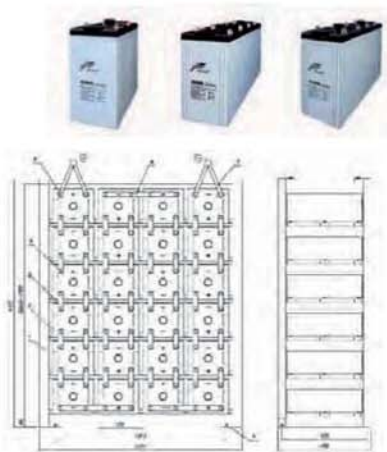
Low Pressure Venting System
RITAR batteries are equipped with a safe low pressure venting system, which operates from 1 psi to 6 psi. The venting system is designed to release excess gas in the event that the gas pressure rises to a level above the normal rate. Afterwards, the venting system automatically re-seals itself when the gas pressure level returns its normal rate. This feature prevents excessive build up of gas in the batteries. This low pressure venting system, coupled with the extraordinarily high recombination efficiency, make RITAR batteries the safest sealed lead-acid batteries available.

RL Series (18 years life)

Model No.	Voltage (V)	Capacity (10 hrs/25°C) (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RL2200	2	200	14.0	F10	171 * 111 * 366
RL2200S	2	200	13.6	F10	207.5 * 110 * 239
RL2250	2	250	17.5	F10	171 * 150 * 365
RL2275S	2	200	17.8	F10	207.5 * 142 * 239
RL2300	2	300	19.0	F10	171 * 150 * 365
RL2350	2	350	24.5	F10	211 * 176 * 329
RL2400	2	400	26.0	F10	211 * 176 * 329
RL2450	2	450	29.0	F10	242 * 172 * 329
RL2500	2	500	30.5	F10	242 * 172 * 329
RL2500S	2	500	31.0	F10	207.5 * 240 * 239
RL2600	2	600	37.0	F10	302 * 175 * 328
RL2650	2	650	40.0	F10	302 * 175 * 328
RL2750	2	750	46.0	F10	411 * 175 * 327
RL2800	2	800	50.0	F10	411 * 175 * 327
RL21000	2	1000	62.0	F10	475 * 175 * 327
RL21200	2	1200	76.0	F10	475 * 175 * 327
RL21500	2	1500	96.0	F10	401 * 352 * 338
RL22000	2	2000	126.5	F10	490 * 349 * 338
RL22500	2	2500	171.0	F10	712 * 351 * 338
RL23000	2	3000	193.0	F10	712 * 351 * 338

Front Terminal Series (10 years life)

Model No.	Voltage (V)	Capacity (10 hrs/25°C) (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RT12-55F	12	55	18.0	F11	227 * 106 * 222
RT12-90F	12	90	26.5	F6	563 * 114 * 188
RA12-105F	12	105	32.5	F8	508 * 111 * 236
RA12-110F	12	110	33.0	F9	394 * 109 * 285
RA12-125F	12	125	36.0	F9	551 * 109 * 239
RA12-125FS	12	125	41.5	F9	436 * 107 * 317 (323)
RA12-135F	12	135	41.0	F9	551 * 109 * 239
RA12-150F	12	150	45.0	F9	555 * 110 * 288
RA12-155F	12	155	49.5	F9	555 * 110 * 288
RA12-160F	12	160	49.0	F9	555 * 110 * 288
RA12-170F	12	170	52.0	F9	560 * 125 * 316
RA12-180F	12	180	53.5	F9	560 * 125 * 316
RA12-180FS	12	180	53.5	F9	548 * 125 * 317
RA12-185F	12	185	60.0	F9	560 * 125 * 316
RA12-185FS	12	185	60.0	F9	548 * 125 * 317



Technology Requirement:

Pay attention to the positive and the negative of battery when assembled. Please place batteries in terms of our drawings instruction strictly. The gap between two batteries will be 20mm. Please screw the bolts tightly.

RL Series:

RL is a general purpose 2V battery with 15-18 years design life time in float charging use. As with all Ritar batteries, all RL models are rechargeable, highly efficient, leak proof and maintenance free.



Front Terminal Series:

It is front terminal type, designed for Telecom and UPS use with 10 years life time based Eurobat standard. As with all Ritar batteries, all front terminal models are rechargeable, highly efficient, Leak proof maintenance free and easy handling.

EV Series

Model No.	Voltage (V)	Capacity (20 hrs/25°C) (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RT12100EV	12	10	3.9	F1 / F2	151 * 98 * 95
RT12120EV	12	12	4.2	F1 / F2	151 * 98 * 95
RT12140EV	12	14	4.5	F1 / F2	151 * 98 * 95
RT12180EV	12	18	5.9	F3	181 * 77 * 167
RT12220EV	12	22	6.0	F3	181 * 77 * 167
RT12240EV	12	24	7.0	F18 / T23	183 * 79 * 170
RA12-33EV	12	33	10.2	F7 / F11	195 * 130 * 159
RA12-45EV	12	45	14.6	F4 / F11	198 * 166 * 171



EV Series:

EV is especially designed for light electric vehicle use. It use super strong alloy and world-class advanced technology which makes batteries have more than 300 cycles life time by 100% D.O.D and excellent quick-charge acceptance ability.

High Rate Discharge Series

Model No.	Voltage (V)	15 min to 1.67V @ (W)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RA6-225SH	6	864.0	33.0	F14	243 * 188 * 275
RT640H	6	16.5	0.72	F1 / F2	70 * 47 * 101
RT645H	6	18.6	0.75	F1 / F2	70 * 47 * 101
RT650H	6	20.7	0.80	F1 / F2	70 * 47 * 101
RT655H	6	22.7	0.80	F1 / F2	70 * 47 * 101
RT670H	6	26.9	1.20	F1 / F2	151 * 34 * 94
RT680H	6	33.0	1.35	F1 / F2	151 * 34 * 94
RT1240H	12	16.5	1.40	F1 / F2	90 * 70 * 101
RT1245H	12	18.6	1.60	F1 / F2	90 * 70 * 101
RT1250H	12	20.7	1.70	F1 / F2	90 * 70 * 101
RT1250BH	12	21.5	1.85	F1/F2	151 * 50 * 95
RT1255H	12	22.5	1.65	F1/F2	90 * 70 * 101
RT1270H	12	28.9	2.20	F1/F2	151 * 65 * 93.5
RT1280H	12	33.0	2.38	F1/F2	151 * 65 * 93.5
RT1290H	12	37.2	2.63	F1/F2	151 * 65 * 93.5
RT12120H	12	49.6	4.20	F1/F2	151 * 98 * 95
RT12170H	12	70.1	4.60	F3/F13	181 * 77 * 167
RT12180H	12	73.0	5.60	F3/F13	181 * 77 * 167
RT12190H	12	78.3	5.00	F3/F13	181 * 77 * 167
RT12200H	12	81.0	5.90	F3/F13	181 * 77 * 167
RT12220H	12	90.7	6.00	F3/F13	181 * 77 * 167
RT12240H	12	97.0	8.10	F3/F13	166 * 175 * 125
RT12260H	12	107.0	8.60	F3/F13	166 * 175 * 125
RA12-33H	12	124.9	10.2	F7/F11	195 * 130 * 159
RA12-40H	12	161.0	13.5	F4/F11	198 * 166 * 171
RA12-55H	12	220.0	18.0	F11/F15	229 * 138 * 210
RA12-85H	12	255.0	22.2	F5/F11	350 * 167 * 180
RA12-75H	12	294.0	24.8	F11/F15	260 * 169 * 210
RA12-90H	12	353.0	29.0	F12 / F15	307 * 169 * 210
RA12-100H	12	392.0	32.0	F5 / F12	328 * 172 * 222
RA12-100SH	12	378.6	31.5	F12/F15	306.5 * 168.5 * 210
RA12-120H	12	471.0	37.0	F5 / F12	407 * 177 * 225
RA12-150H	12	589.0	47.0	F5 / F12	483 * 170 * 240
RA12-150SH	12	589.0	49.0	F5 / F12	340 * 173 * 280
RA12-155SH	12	586.8	47.0	F5 / F12	340 * 173 * 280
RA12-200H	12	785.0	62.5	F12 / F16	522 * 240 * 219



High Rate Discharge Series

HR is high rate discharging type, especially designed for applications where need high power output. By optimum design of battery grids and plate paste formula, this series battery have dense power storage ability and can deliver up to 40% more power than general models.

Tips

Long Service Life, Float or Cyclic
The RITAR VRLA battery has a long life in float or cyclic service.

Higher Power Density
A special assembly technology is used to enhance power density to a considerable level.

AGM Deep Cycle Series

Model No.	Voltage (V)	Capacity (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RT12260D	12	26	8.1	F3 / F13	166 * 175 * 125
RT12260SD	12	26	8.8	F7 / F11	166 * 175 * 125
RT12280D	12	28	8.8	F3 / F13	166 * 175 * 125
RT12280SD	12	28	10.0	F7 / F11	165 * 126 * 174
RA6-180D	6	180	26.5	F12	306 * 188 * 222
RA6-200D	6	200	29.0	F14 / F16	322 * 178 * 226
RA6-225SD	6	225	32.0	F14	243 * 188 * 275
RA12-40D	12	40	13.2	F4 / F11	198 * 166 * 171
RA12-55D	12	55	18.0	F11 / F15	229 * 138 * 210
RA12-65D	12	65	21.0	F5 / F11	350 * 167 * 180
RA12-75D	12	75	23.5	F11 / F15	260 * 169 * 210
RA12-80D	12	80	24.0	F5 / F11	350 * 167 * 180
RA12-90D	12	90	28.5	F12 / F15	307 * 169 * 210
RA12-100D	12	100	30.0	F5 / F12	328 * 172 * 222
RA12-100SD	12	100	29.0	F12 / F15	307 * 169 * 210
RA12-120D	12	120	35.0	F5 / F12	407 * 177 * 225
RA12-120SD	12	120	32.0	F5 / F12	328 * 172 * 222
RA12-134D	12	134	41.5	F5 / F12	340 * 173 * 280
RA12-145D	12	145	44.0	F5 / F12	340 * 173 * 280
RA12-150D	12	150	44.5	F5 / F12	483 * 170 * 240
RA12-160D	12	160	53.0	F12 / F16	530 * 209 * 214
RA12-180D	12	180	53.0	F12 / F16	530 * 209 * 214
RA12-200D	12	200	60.0	F12 / F16	522 * 240 * 219
RA12-260D	12	260	74.0	F14	520 * 288 * 220
RA12-55FD	12	55	18.0	F11	227 * 108 * 222
RA12-90FD	12	90	26.5	F6	563 * 114 * 188
RA12-105FD	12	105	32.5	F8	508 * 111 * 236
RA12-110FD	12	110	33.0	F9	394 * 109 * 285
RA12-125FD	12	125	36.0	F9	551 * 109 * 239
RA12-125F8D	12	125	41.0	F9	436 * 107 * 317
RA12-135FD	12	135	41.0	F9	551 * 109 * 239
RA12-150FD	12	150	45.0	F9	550 * 110 * 288
RA12-160FD	12	160	49.0	F9	550 * 110 * 288
RA12-170FD	12	170	52.0	F9	560 * 125 * 316
RA12-180FD	12	180	53.5	F9	560 * 125 * 316
RA12-180F8D	12	180	53.5	F9	546 * 125 * 317
RA12-185FD	12	185	60.0	F9	560 * 125 * 316
RA12-185F8D	12	185	60.0	F9	546 * 125 * 317
RL2200D	2	200	14.0	F10	171 * 111 * 366
RL2250D	2	250	17.5	F10	171 * 150 * 365
RL2300D	2	300	19.0	F10	171 * 150 * 365
RL2350D	2	350	24.5	F10	211 * 176 * 329
RL2400D	2	400	26.0	F10	211 * 176 * 329
RL2450D	2	450	29.0	F10	242 * 172 * 329
RL2500D	2	500	30.5	F10	242 * 172 * 329
RL2600D	2	600	37.0	F10	302 * 175 * 328
RL2650D	2	650	40.0	F10	302 * 175 * 328
RL2750D	2	750	46.0	F10	411 * 175 * 327
RL2800D	2	800	50.0	F10	411 * 175 * 327
RL21000D	2	1000	62.0	F10	479 * 175 * 327
RL21200D	2	1200	76.0	F10	479 * 175 * 327
RL21500D	2	1500	96.0	F10	401 * 352 * 338
RL22000D	2	2000	126.5	F10	490 * 349 * 338
RL22500D	2	2500	171.0	F10	712 * 351 * 338
RL23000D	2	3000	193.0	F10	712 * 351 * 338



AGM Deep Cycle Series

DC is AGM deep cycle type, especially designed for cyclic use. By using strong grid and specific alloy, this series batteries have excellent performance on 1 - 5 hrs large current discharge and up to 30% more life time than general models.

Tips

Heavy Duty Grids

The heavy-duty lead calcium-alloy grids in RITAR batteries provide an extra margin of performance and service life in both float and cyclic applications, even in conditions of deep discharge.

Low Self Discharge

Because of the use of Lead Calcium grids alloy, RITAR VRLA battery can be stored for long periods of time.

Nano Silicon GEL

A gel battery design is typically a modification of the standard lead acid automotive or marine battery. A gelling agent is added to the electrolyte to reduce movement inside the battery case. Many gel batteries also use one way valves in place of open vents, this helps the normal internal gasses to recombine back into water in the battery, reducing gassing. 'Gel Cell' batteries are non-spill able even if they are broken. Gel cells must be charged at a lower voltage (C/20) than flooded or AGM to prevent excess gas from damaging the cells. Fast charging them on a conventional automotive charger maybe permanently damage a Gel Battery.



GEL Standby Series

Model No.	Voltage (V)	Capacity (20 hr/25°C) (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RA2-100G	2	100	8.5	F10	171*172*208
RA2-150G	2	150	8.0	F10	172*102*205
RA6-100G	6	100	16.5	F14	194*170*205
RA6-150G	6	150	23.5	F12	260*180*247
RA6-180G	6	180	26.5	F12	306*168*222
RA6-200G	6	200	29.0	F14/F16	322*178*228
RA6-200SG	6	200	30.0	F12	260*180*247
RA6-225G	6	225	32.0	F14/F16	322*178*228
RA6-225SG	6	225	32.0	F14	243*188*275
RA12-40G	12	40	13.5	F4/F11	198*166*171
RA12-55G	12	55	18.0	F11/F15	228*136*210
RA12-60G	12	60	20.5	F11/F15	260*169*210
RA12-65G	12	65	21.0	F5/F11	350*167*180
RA12-70G	12	70	22.5	F5/F11	350*167*180
RA12-70SG	12	70	21.5	F11/F15	260*169*210
RA12-75G	12	75	23.5	F11/F15	260*169*210
RA12-80G	12	80	24.0	F6/F11	360*167*180
RA12-90G	12	90	28.5	F12/F16	307*169*210
RA12-100G	12	100	30.0	F6/F12	328*172*222
RA12-120G	12	120	35.0	F6/F12	407*177*225
RA12-134G	12	134	41.5	F6/F12	340*173*280
RA12-145G	12	145	44.0	F5/F12	340*173*280
RA12-150G	12	150	44.5	F5/F12	483*170*240
RA12-160G	12	160	53.0	F12/F16	530*209*214
RA12-180G	12	180	53.0	F12/F16	530*209*214
RA12-200G	12	200	60.0	F12/F16	522*240*219
RA12-225G	12	225	65.0	F12/F16	522*240*219
RA12-230G	12	230	67.0	F12	521*289*203
RA12-260G	12	260	74.0	F14	520*288*220
RA12-55FG	12	55	18.0	F11	227*106*222
RA12-90FG	12	90	26.5	F8	563*114*188
RA12-105FG	12	105	32.5	F8	508*111*236
RA12-110FG	12	110	33.0	F9	394*109*239
RA12-125FG	12	125	36.0	F9	551*109*239
RA12-125FSG	12	125	41.0	F9	436*107*317
RA12-135FG	12	135	41.0	F9	551*109*239
RA12-150FG	12	150	45.0	F9	555*110*288
RA12-155FG	12	155	49.5	F9	555*110*288
RA12-160FG	12	160	49.0	F9	555*110*288
RA12-170FG	12	170	50.0	F9	560*125*316
RA12-180FG	12	180	53.5	F9	560*125*316
RA12-180FSG	12	180	53.5	F9	546*125*317
RA12-185FG	12	185	60.0	F9	560*125*316
RA12-185FSG	12	185	60.0	F9	546*125*317
RL2200G	2	200	14.0	F10	171*111*366
RL2250G	2	250	17.5	F10	171*150*365
RL2300G	2	300	19.0	F10	171*150*365
RL2350G	2	350	24.5	F10	211*176*329
RL2400G	2	400	26.0	F10	211*176*329
RL2450G	2	450	29.0	F10	242*172*329
RL2500G	2	500	30.5	F10	242*172*329
RL2600G	2	600	37.0	F10	302*175*328
RL2650G	2	650	40.0	F10	302*175*328
RL2750G	2	750	48.0	F10	411*175*327
RL2800G	2	800	50.0	F10	411*175*327
RL21000G	2	1000	62.0	F10	479*175*327
RL21200G	2	1200	76.0	F10	479*175*327
RL21500G	2	1500	96.0	F10	401*352*338
RL22000G	2	2000	126.5	F10	490*349*338
RL22500G	2	2500	171.0	F10	712*351*338
RL23000G	2	3000	193.0	F10	712*351*338



Gel Standby Series

Ritar GEL batteries use special separator, and key components of GEL electrolyte are imported from Germany and Japan. By using the most advanced production facility, Ritar GEL batteries are featured with low self-discharge, long cyclic life, low floating charging voltage and current, free from erosion, pollution, gas escape, and leakage, as well as beneficial to environmental protection.

Tips

Valve regulating
Perfect venting system, which operates under low pressure, is designed to release excess gas and keep the internal pressure within the optimum range of safe and efficient performance.

GEL Deep Cycle Series

Model No.	Voltage (V)	Capacity (20 hr/25°C) (AH)	Weight (Kg)	Terminal	Dimension (mm) (LxWxH)
RA2-100DG	2	100	8.5	F10	171*172*208
RA2-150DG	2	150	8.0	F10	172*102*205
RA6-100DG	6	100	16.5	F14	194*170*205
RA6-150DG	6	150	23.5	F12	260*180*247
RA6-180DG	6	180	26.5	F12	306*168*222
RA6-200DG	6	200	29.0	F14/F16	322*177.5*226
RA6-200SDG	6	200	30.0	F12	260*180*247
RA6-225DG	6	225	32.0	F14/F16	322*178*228
RA6-225SDG	6	225	32.0	F14	243*188*275
RA6-225SHDG	6	225	33.0	F14	243*188*275
RA8-150DG	8	150	30.0	F12	260*182*296
RA12-40DG	12	40	13.5	F4/F11	198*166*171
RA12-55DG	12	55	18.0	F11/F15	228*136*210
RA12-60DG	12	60	20.5	F11/F15	260*169*210
RA12-65DG	12	65	21.0	F5/F11	350*167*180
RA12-70SDG	12	70	21.5	F11/F15	260*169*210
RA12-75DG	12	75	23.5	F11/F15	260*169*210
RT12-80DG	12	80	24.0	F8/F11	350*167*180
RA12-90DG	12	90	28.5	F12/F16	307*169*210
RA12-100DG	12	100	30.0	F6/F12	328*172*222
RA12-120DG	12	120	35.5	F5/F12	407*177*225
RA12-134DG	12	134	41.5	F5/F12	340*173*280
RA12-145DG	12	145	44.0	F5/F12	340*173*280
RA12-150DG	12	150	44.5	F5/F12	483*170*240
RA12-160DG	12	160	53.0	F12/F16	530*209*214
RA12-180DG	12	180	53.0	F12/F16	530*209*214
RA12-200DG	12	200	60.0	F12/F16	522*240*219
RA12-225DG	12	225	65.0	F12/F16	522*240*219
RA12-230DG	12	230	67.0	F12	521*289*203
RA12-260DG	12	260	74.0	F14	520*288*220
RA12-55FDG	12	55	18.0	F11	227*106*222
RA12-90FDG	12	90	24.0	F8	563*114*188
RA12-105FDG	12	105	32.5	F8	508*111*236
RA12-110FDG	12	110	33.0	F9	394*109*239
RA12-125FDG	12	125	36.0	F9	551*109*239
RA12-125FSDG	12	125	41.0	F9	436*107*317
RA12-135FDG	12	135	41.0	F9	551*109*239
RA12-150FDG	12	150	45.0	F9	555*110*288
RA12-155FDG	12	155	49.5	F9	555*110*288
RA12-160FDG	12	160	49.0	F9	555*110*288
RA12-170FDG	12	170	50.0	F9	560*125*316
RA12-180FDG	12	180	53.5	F9	560*125*316
RA12-180FSDG	12	180	53.5	F9	546*125*317
RA12-185FDG	12	185	60.0	F9	560*125*316
RA12-185FSDG	12	185	60.0	F9	546*125*317
RL2200DG	2	200	14.0	F10	171*111*366
RL2250DG	2	250	17.5	F10	171*150*365
RL2300DG	2	300	19.0	F10	171*150*365
RL2350DG	2	350	24.5	F10	211*176*329
RL2400DG	2	400	26.0	F10	211*176*329
RL2450DG	2	450	29.0	F10	242*172*329
RL2500DG	2	500	30.5	F10	242*172*329
RL2600DG	2	600	37.0	F10	302*175*328
RL2650DG	2	650	40.0	F10	302*175*328
RL2750DG	2	750	48.0	F10	411*175*327
RL2800DG	2	800	50.0	F10	411*175*327
RL21000DG	2	1000	62.0	F10	479*175*327
RL21200DG	2	1200	76.0	F10	479*175*327
RL21500DG	2	1500	96.0	F10	401*352*338
RL22000DG	2	2000	126.5	F10	490*349*338
RL22500DG	2	2500	171.0	F10	712*351*338
RL23000DG	2	3000	193.0	F10	712*351*338



GEL Deep Cycle Series

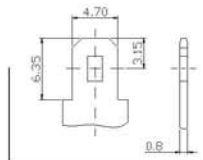
GEL DC series is GEL Deep Cycle type, especially designed for frequent deep cycle use and high temperature environment. By using strong grid and specific alloy, this series battery have up to 40% more cyclic life than same AGM model. Ritar Gel Deep Cycle batteries are featured with low self-discharge, good consistence on deep discharge, super long cyclic life, free from erosion, pollution, gas escape, and leakage, as well as beneficial to environmental protection.

Tips

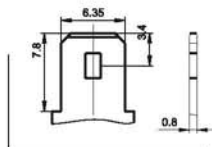
Reliable Construction
The extra strong construction ABS container reduces case bulging and plate warping, ensuring long life and high performance.

Excellent Recovery from Deep Discharge
Unique technical processes are used into the grid alloy and electrolyte additives, so that the battery can be recharged easily to a normal level even after being over-discharged.

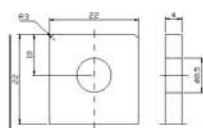
Terminals



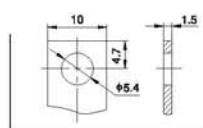
Terminal F1 (187)



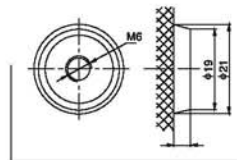
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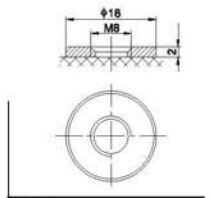
Terminal F16



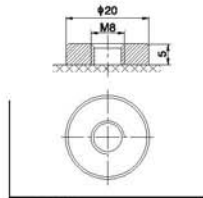
Terminal T7



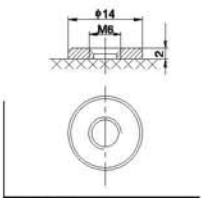
Terminal F8



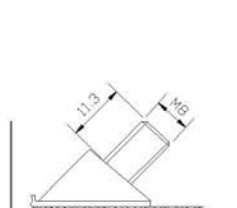
Terminal F9



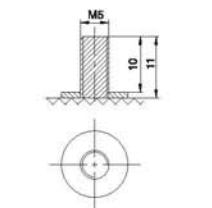
Terminal F10



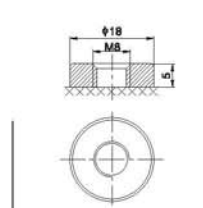
Terminal F11-1



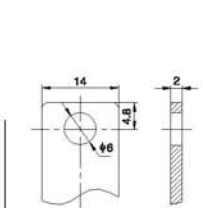
Terminal F6



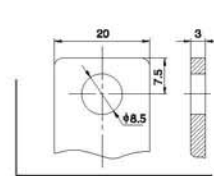
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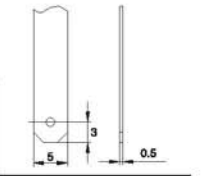
Terminal F14



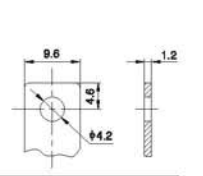
Terminal F4



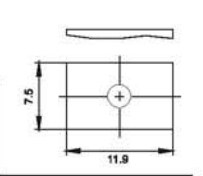
Terminal F5



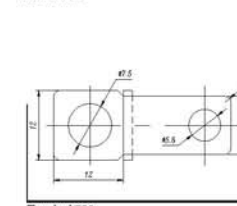
Terminal T5



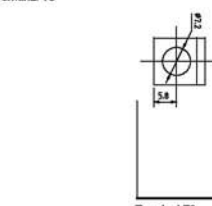
Terminal M4



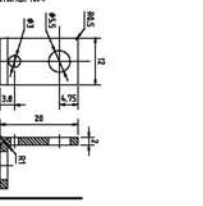
Terminal T6



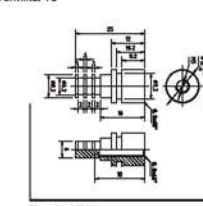
Terminal T23



Terminal F3



Terminal F11



Terminal F11



Power of Innovation—Ritar R&D Center

Ritar R&D Center is the core of Ritar technology, where gather a scientific and technological elite group, led by China senior electrochemistry specialist, professor Mr. He Degang with his eight graduate students. And Dr. Chen Hongyu, who is prexy of Chemistry Institute of South China Normal University, is invited as our adviser. And there are many battery testing senior engineers and battery formula design senior engineers. Each year, it also invests big sum of funds to introduce foreign advanced testing equipment to ensure that the experimental precision. R&D center is mainly specialized in battery researching and developing, and integrating advanced technology. And through researching products and technology that are closely related to our battery, it is making more technical reserves for Ritar future development. R&D Center has a clear development strategy, that is: use of resources, developing advantages, stepping ahead, looking into the future.





New Industrial Park in Hunan Province

Hengyang Ritar Power Co., Ltd. is located in Songmu Industrial Park, Hengyang, Hunan Province. Ritar plans to invest a total of \$50 million and requisition 266,680 square meters of land. The Projects are in three phases, after completion, the annual output value will exceed 5 billion RMB and this industrial park will become one of the largest SLA battery manufacturing centers in Asia.

Hengyang is boasting of rich resources of non-ferrous metals and non-metal, known as the lead capital. The founding of Hengyang manufacturing base realized the integration of industrial chains. The present annual delivery capacity is 5 million KVAH.



Main Application

Alarm Systems;
Marine Equipment;
Medical Equipment;
Communications Equipment;
Power Tools;
Solar Powered Systems;
Wind Powered Systems;
Telecommunications Systems;
Electric powered Bicycle and Wheelchairs;
Emergency Lighting Systems;
Toys;
Fire & Security Systems;
Uninterruptible Power Supplies;

