



JYC · CHINA
MALAYSIA · WORLD



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JYC BATTERY

Empowering the world to lead the future

JYC BATTERY MANUFACTURER CO., LTD



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HONOR & QUALIFICATION

Honor & Qualification

IATF, UL, CE, Rohs, IEC, TLC, Soncap, etc Certificates



IATF16949

ISO9001

ISO45001

ISO14001





Since 2000, WE FOCUS ON

- Improving products quality
- R&D of new batteries
- Optimizing the manufacturing process
- Improving automated production

▲ China Factory

▲ Malaysia Factory

JYC COMPANY PROFILE

ONE OF THE LARGEST VRLA BATTERY MANUFACTURER IN CHINA.

JYC BATTERY MANUFACTURER CO., LTD. was founded in 2000. We are professional in producing 2V, 4V, 6V and 12V series with over 240 models VRLA batteries, which capacity ranges from 1.3Ah to 3000Ah. Through over 20 years continuous development, we have been one of the biggest VRLA battery manufacturer in China.



- Factory introduction:
- 350,000 m² factory
 - 2000 m² office building
 - 5000 m² R&D center



- Employee:
- Over 1500 global workers



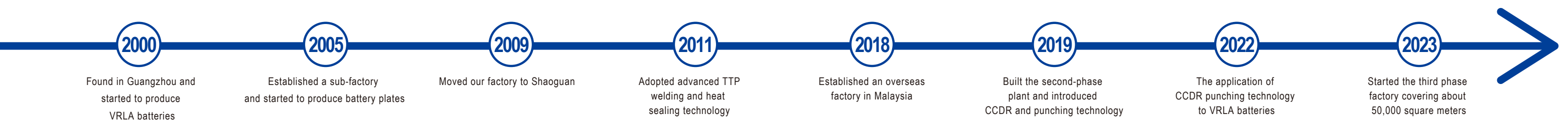
- VRLA battery production lines:
- 42 fully automatic lines



- VRLA battery production capability:
- 5.5 million KVAH/year



- Certificates:
- IATF, ISO9001, ISO14000, ISO45001, UL, CE, TLC, IEC, RoHS





JYC R&D And Quality Center

Certifications and Standards

- | | | | |
|---------------------|---------------------|------------------|------------------------|
| • IATF | • UL | • CE | • VDS |
| • TLC | • ISO9001 | • ISO14001 | • ISO45001 |
| • GB/T 19649.1-2005 | • IEC61982.3:2001 | • IEC61427:2005 | • IEC 60896-21/22 2004 |
| • IEC61056-1/2:2002 | • DIN40736:1992 | • DIN 40742:1999 | • BS 6290.4:1997 |
| • BS EN61427:2005 | • DIN 43539-T5:1984 | | |



JYC R&D AND QUALITY CENTER



Quality Control

- Professional QA and QC teams
- ISO9001 certified production process
- Incoming quality control
- In-process quality control
- Outgoing quality control
- 100% internal-resistance checking
- 100% leaking test
- 100% short-circuit checking
- 100% discharging test
- 100% High current discharge test
- Battery checking in high or low temperature environment



Research and Development Center

- 5,000 m² R&D laboratory center building
- Professional SLA battery R&D team
- Advanced lab equipments
- Optimizing of production process
- Design new products and develop new technology.
- Product reliability test
- Product performance test



Manufacturing

- Modern equipments and facilities
- Automatic plate production lines
- Automatic ABS case injection machines
- Automatic SLA battery production lines
- Heat sealing machines and automatic epoxy-filling machines
- Automatic cast-welding/TTP-welding
- Automatic battery packing lines



Environment and Employee Health Care

- ISO14000 and ISO18000 certificated
- Automatic dusting and purifying system
- Gas removing sulfur and lead disposal system
- Advanced sewage disposal system
- Regular employee health checkup
- Professional labor protection equipments
- Professional safety training
- Perfect medical insurance

OUR ADVANTAGES



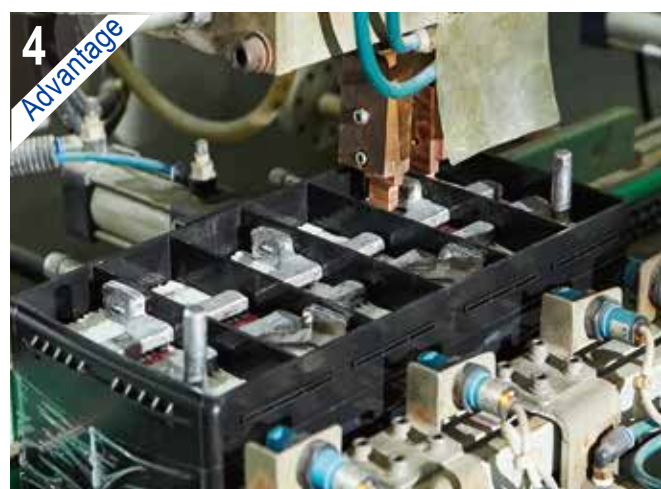
➤ **Continuous Casting Direct Rolling (CCDR) and Punching**
Advanced grid and plate manufacturing processes



➤ **Continuous casting and rolling grid**
The grid casted by the new continuous casting and rolling technology greatly reduces the corrosion of the grid, enhances the performance of the battery, and prolongs the battery life.



➤ **Battery Case injection process**
Fresh ABS raw material. Cases are injected by JYC, insuring battery cases quality from the source.



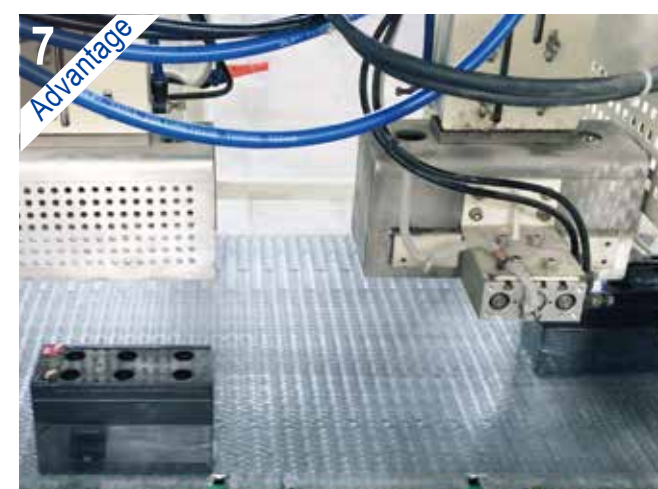
➤ **TTP-Welding(Through The Partition)**
Automatic TTP machines and proven technique insure battery quality, reducing battery internal resistance, decreasing labor and material costs.



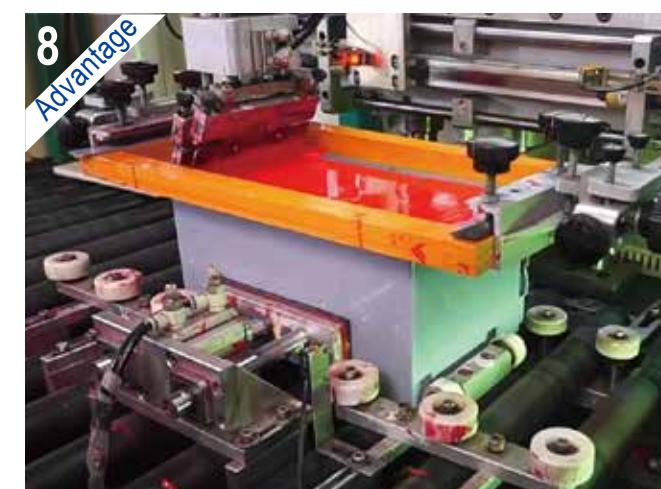
➤ **Heat Sealing**
Automatic heat-sealing machines and proven technique insure battery sealing more stable, decreasing labor and material cost.



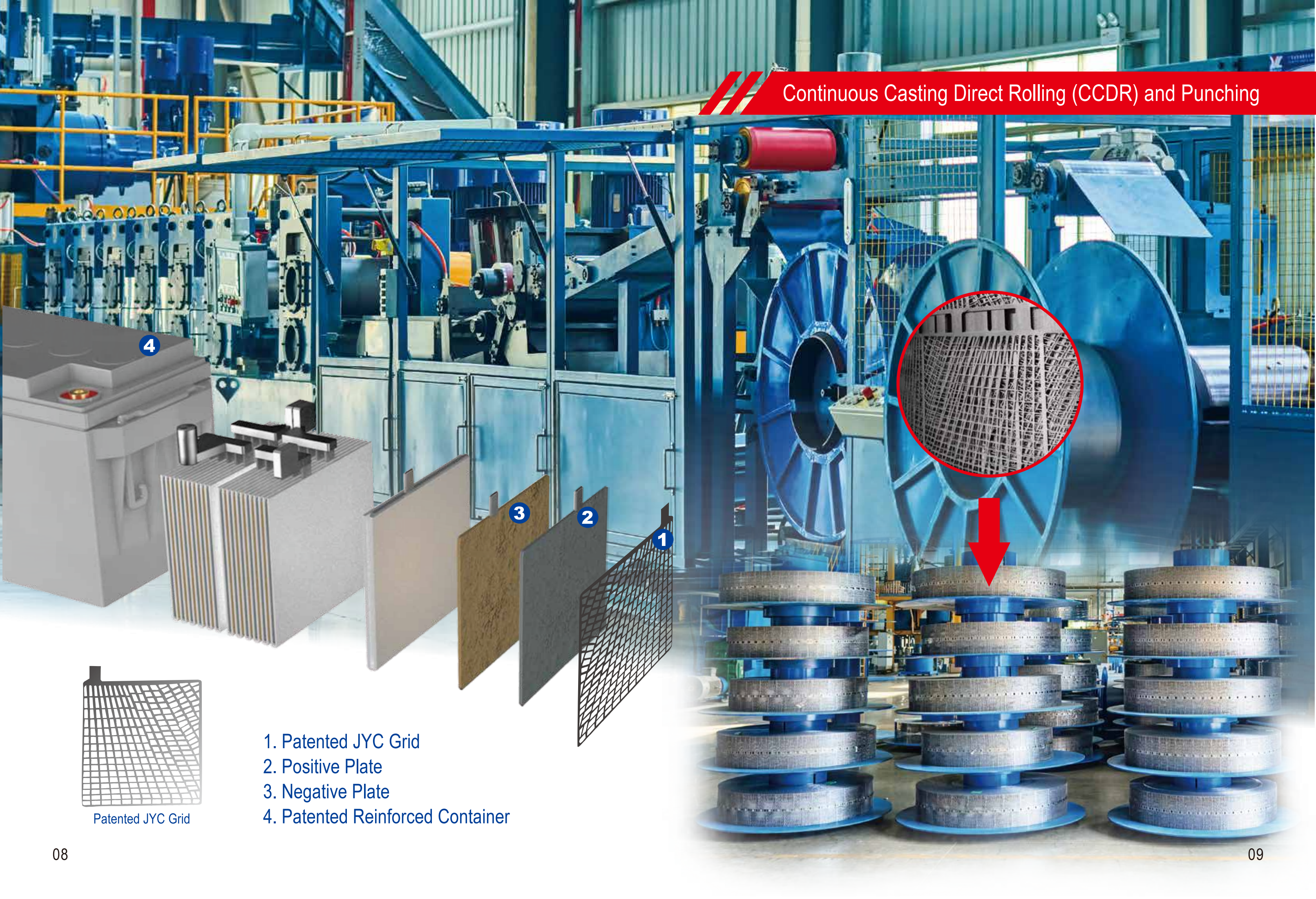
➤ **Inner formation**
Advanced and proven inner formation technique prevents the batteries from electrolyte emission, insuring plate formation complete and enabling batteries longer lifetime.



➤ **Capacity sorting**
Plates weight-sorting and automatic assembly line insure a precise acid-filling volume and battery being fully charged.



➤ **Automatic packing line**
Automatic silkscreen-printing and packing lines insure stable printing quality and decrease labor costs.

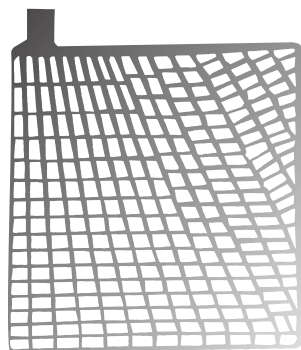


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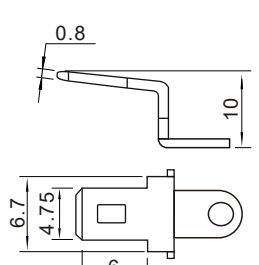
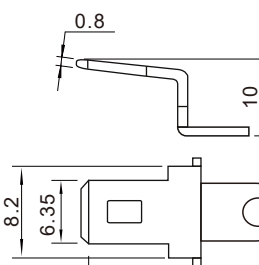
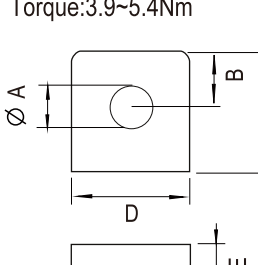
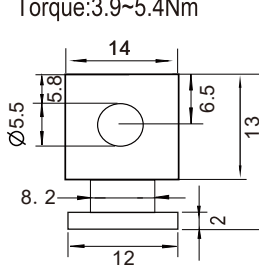
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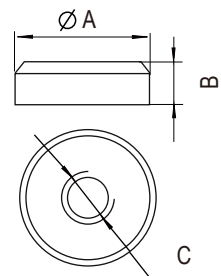


Patented JYC Grid

- 1. Patented JYC Grid
- 2. Positive Plate
- 3. Negative Plate
- 4. Patented Reinforced Container

TERMINALS

F1 (No.187)	F2 (No.250)	B1	B2
Unit:mm Material:Copper 	Unit:mm Material:Copper 	Unit:mm Material:Copper Torque:3.9~5.4Nm 	Unit:mm Material:Copper Torque:3.9~5.4Nm 

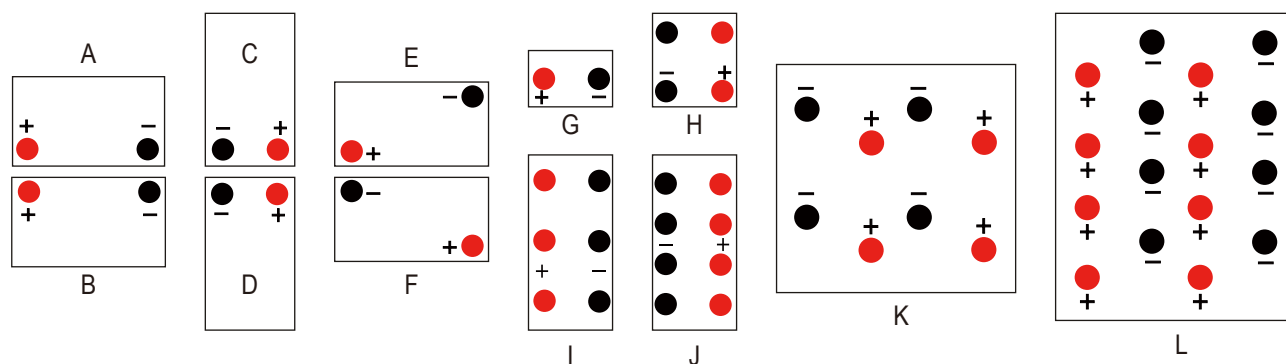


Code	Description	Dimension (mm)		
		A	B	C
T1	Inserted Copper Terminal	12	4±1	M5
T2	Inserted Copper Terminal	14	4±1	M6
T3	Inserted Copper Terminal	16	4±1	M6
T4	Inserted Copper Terminal	18	4±1	M8
T5	Inserted Copper Terminal	20	4±1	M8

Code	Description	Dimension (mm)				
		Connect Width	Terminal Width	Connect Length	Terminal Height	Copper Thickness
F1	Copper	4.75	6.7	6.0	10.0	0.8
F2	Copper	6.35	8.2	7.5	10.0	0.8

Code	Description	Dimension (mm)				
		A	B	C	D	E
B1	Flat Copper Terminal	5.5	4.6	12	12	2
B2	Flat Copper Terminal	5.5	6.5	13	14	2

POSITION OF TERMINALS



GENERAL PURPOSE BATTERY

JYC GP series battery is the general purpose battery with 5~10 years design life in floating service. With advanced AGM(Absorbent Glass Mat) technology and high purity of raw materials, JYC GP series battery is popularly used for general applications, such as UPS, alarm systems and power tools, etc.

PRODUCT FEATURES:

- Voltage: 2V/4V/6V/12V
- Capacity range: (C20)7Ah-33Ah
(C10)33Ah-3000Ah
- Designed floating life: (4V,6V,12V) <=14Ah, 5 years(25℃)
(12V) 15Ah~36Ah, 6 years(25℃)
(12V) 38Ah~250Ah, 10 years(25℃)
(2V) 15 years (25℃)
- Low self-discharge rate: ≤2%/month(25℃)
- High gas recombination efficiency: ≥98%
- Operation temperature range: -20~50℃

STANDARD COMPLIANT

- GB/T 19639.1-2005
- IEC60896-21/22:2004
- IEC61056-1/2 :2002
- BS 6290-4:1997

Applications:

- Electronic toys
- UPS&EPS systems
- Generators starting
- Alarm and security systems
- Telecommunication systems
- Emergency power supply systems



Model	Voltage	Capacity	Dimension								Weight		Terminal	
			Length		Width		Height		T.Height		(APPROX.)			
	(V)	(Ah)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)	(Lb)	Type	Layout
GP4.0-4	4	4.0	47.5	1.87	47.5	1.87	101	3.98	107	4.21	0.45	0.98	F1	C
GP4.5-4	4	4.5	47	1.85	47	1.85	100	3.94	107	4.21	0.48	1.06	F1	C
GP5-4	4	5	47	1.85	47	1.85	100	3.94	107	4.21	0.51	1.12	F1	C
GP6-4	4	6	70	2.76	47	1.85	100	3.94	105	4.13	0.64	1.43	F1	E
GP1.3-6	6	1.3	97	3.82	24	0.94	52	2.05	59	2.32	0.3	0.66	F1	A
GP2.8-6	6	2.8	66	2.60	33	1.30	99	3.90	104	4.09	0.55	1.21	F1	E
GP3.2-6	6	3.2	134	5.28	34	1.34	61	2.40	66	2.60	0.62	1.37	F1	A
GP4.0-6	6	4.0	70	2.76	47	1.85	100	3.94	105	4.13	0.64	1.41	F1/F2	E
GP4.5-6	6	4.5	70	2.76	47	1.85	100	3.94	105	4.13	0.67	1.48	F1/F2	E
GP5.0-6	6	5.0	70	2.76	47	1.85	100	3.94	105	4.13	0.72	1.59	F1/F2	E
GP5.5-6	6	5.5	70	2.76	47	1.85	100	3.94	105	4.13	0.75	1.65	F1/F2	E
GP7.0-6	6	7.0	151	5.94	35	1.38	93	3.66	99	3.90	1.03	2.27	F1/F2	A
GP8.0-6	6	8.0	151	5.94	35	1.38	93	3.66	99	3.90	1.12	2.47	F1/F2	A
GP10.0-6	6	10.0	151	5.94	51	2.00	94	3.70	100	3.94	1.54	3.40	F1/F2	A
GP12.0-6	6	12.0	151	5.94	51	2.00	94	3.70	100	3.94	1.67	3.68	F1/F2	A
GP14.5-6	6	14.5	151	5.94	51	2.00	94	3.70	100	3.94	1.85	4.08	F1/F2	A
GP200-6	6	200	306	12.05	169	6.65	220	8.66	226	8.90	26.5	58.42	T5	-
GP300-6	6	300	295	11.61	178	7.00	345	13.58	363	14.29	43.5	95.90	L15	-
GP400-6	6	400	295	11.61	178	7.00	405	15.94	410	16.14	54.5	120.15	T5	-
GP1.0-12	12	1	97	3.82	43	1.69	52	2.05	57	2.24	0.47	1.04	F1	C
GP1.2-12	12	1.2	97	3.82	43	1.69	52	2.05	57	2.24	0.51	1.12	F1	C
GP1.3-12	12	1.3	97	3.82	43	1.69	52	2.05	57	2.24	0.55	1.21	F1	C
GP2.2-12	12	2.2	70	2.76	47	1.85	98	3.86	103	4.06	0.75	1.65	F1	A
GP3.2-12	12	3.2	134	5.28	67	2.64	61	2.40	67	2.64	1.22	2.69	F1	C

GENERAL PURPOSE BATTERY

Model	Voltage	Capacity	Dimension								Weight		Terminal	
			Length		Width		Height		T.Height		(APPROX.)			
	(V)	(Ah)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)	(Lb)	Type	Layout
GP4.0-12	12	4.0	91	3.58	70	2.76	102	4.02	107	4.21	1.25	2.76	F1/F2	A
GP4.2-12	12	4.2	90	3.54	70	2.76	100	3.94	105	4.13	1.35	2.98	F1	A
GP4.5-12	12	4.5	91	3.58	70	2.76	102	4.02	107	4.21	1.33	2.93	F1/F2	A
GP4.7-12	12	4.7	90	3.54	70	2.76	100	3.94	105	4.13	1.45	3.20	F1	A
GP5.0-12	12	5.0	91	3.58	70	2.76	102	4.02	107	4.21	1.42	3.13	F1/F2	A
GP5.5-12	12	5.5	91	3.58	70	2.76	102	4.02	107	4.21	1.49	3.28	F1/F2	A
GP6.2-12	12	6.2	151	5.94	65	2.56	94	3.70	100	3.94	1.8	3.97	F1/F2/B3	D
GP6.5-12	12	6.5	151	5.94	65	2.56	94	3.70	100	3.94	1.9	4.19	F1/F2/B3	D
GP7.0-12	12	7.0	151	5.94	65	2.56	94	3.70	100	3.94	2.0	4.41	F1/F2/B3	D
GP7.5-12	12	7.5	151	5.94	65	2.56	94	3.70	100	3.94	2.1	4.63	F1/F2/B3	D
GP8.0-12	12	8.0	151	5.94	65	2.56	94	3.70	100	3.94	2.2	4.85	F1/F2/B3	D
GP12-12	12	12	152	5.98	99	3.90	95	3.74	100	3.94	3.3	7.28	F1/F2	D
GP18-12	12	18	182	7.17	77	3.03	167	6.57	167	6.57	5.0	11.02	B1/T1	B
GP20-12	12	20	182	7.17	77	3.03	167	6.57	167	6.57	5.4	11.90	B1/T1	B
GP24-12	12	24	175	6.89	166	6.54	126	4.96	126	4.96	7.2	15.87	B2/T1	B
GP26-12	12	26	175	6.89	166	6.54	126	4.96	126	4.96	7.4	16.31	B2/T1	B
GP28-12	12	28	165	6.50	126	4.96	173	6.81	173	6.81	7.9	17.42	T2/L1	B
GP33-12	12	33	196	7.72	130	5.12	155	6.10	170	6.69	9.0	19.84	T2	A
GP38-12	12	38	198	7.80	167	6.57	173	6.81	173	6.81	11.4	25.13	T2	B
GP40-12	12	40	198	7.80	167	6.57	173	6.81	173	6.81	12.0	26.46	T2	B
GP45-12	12	45	198	7.80	167	6.57	173	6.81	173	6.81	13.4	29.54	T2	B
GP55-12	12	55	230	9.06	139	5.47	210	8.27	215	8.46	15.3	33.73	T2	A
GP65-12	12	65	348	13.70	168	6.61	177	6.97	177	6.97	19.1	42.11	T3	B
GP70-12	12	70	260	10.24	169	6.65	213	8.39	219	8.62	19.4	42.77	T3	A
GP75-12	12	75	260	10.24	169	6.65	213	8.39	219	8.62	20.3	44.75	T3	A
GP80-12	12	80	260	10.24	169	6.65	213	8.39	219	8.62	20.8	45.86	T3	A
GP95-12	12	90	306	12.05	168	6.61	210	8.27	214	8.43	24.6	54.23	T4	A
GP100-12	12	100	330	12.99	172	6.77	218	8.58	223	8.78	28.0	61.73	T4	A
GP110-12	12	110	330	12.99	172	6.77	218	8.58	222	8.74	31.0	68.34	T4	A
GP120-12	12	120	406	15.98	173	6.81	208	8.19	233	9.17	33.3	73.41	T4	A
GP150-12	12	150	481	18.94	170	6.69	241	9.48	245	9.65	40.8	89.95	T5	A
GP200-12	12	200	522	20.55	240	9.45	221	8.70	226	8.90	55.5	122.36	T5	C
GP250-12	12	250	522	20.55	268	10.55	220	8.66	225	8.86	64.2	141.54	T5	C
GP80-24	24	80	440	17.32	343	13.50	210	8.27	215	8.46	56.0	123.46	T4	-
GP100-24	24	100	440	17.32	343	13.50	210	8.27	215	8.46	59.6	131.40	T4	-
GP100-2	2	100	171	6.73	72	2.83	205	8.07	209	8.22	5.5	12.13	T5	G
GP200-2	2	200	172	6.77	111	4.37	328	12.91	362	14.25	12.1	26.68	T5	G
GP300-2	2	300	172	6.77	150	5.91	329	12.95	363	14.29	16.7	36.82	T5	G
GP400-2	2	400	211	8.31	176	6.93	327	12.87	366	14.41	23.3	51.37	T5	G
GP500-2	2	500	241	9.49	172	6.77	329	12.95	363	14.29	27.4	60.41	T5	G
GP600-2	2	600	301	11.85	175	6.89	330	12.99	365	14.37	33.9	74.74	T5	G
GP800-2	2	800	401	15.79	175	6.89	330	12.99	364	14.33	46.5	102.51	T5	H
GP1000-2	2	1000	477	18.78	174	6.85	327	12.87	364	14.33	55.2	121.70	T5	H
GP1600-2	2	1600	400	15.75	350	13.78	340	13.39	382	15.04	89.1	196.43	T5	-
GP2000-2	2	2000	490	19.29	350	13.78	341	13.43	382	15.04	106.0	233.69	T5	I
GP3000-2	2	3000	709	27.91	351	13.82	340	13.39	382	15.04	164.5	362.66	T5	J



DEEP CYCLE BATTERY

JYC DC series battery is specially designed for frequent cycling applications. The JYC DC battery uses high-Tin alloy positive plate, active paste materials and stronger electrolyte, which gives 30% longer life than normal battery.

PRODUCT FEATURES:

- Voltage: 12V
- Capacity range: (C20)7.2Ah-33Ah
(C10)33Ah-250Ah
- Designed floating life: (12V) ≤ 14 Ah, 5 years(25 °C)
(12V) 15Ah~36Ah, 6 years(25 °C)
(12V) 38Ah~250Ah, 6 years(25 °C)
- Low self-discharge rate: $\leq 2\%$ /month(25 °C)
- High gas recombination efficiency: $\geq 98\%$
- Suitable for deep cycle applications
- Cycle life: (25 °C)
30% DOD: 2500 cycles
50% DOD: 1200 cycles
80% DOD: 600 cycles
- Operation temperature range: -20~50 °C

STANDARD COMPLIANT

- GB/T 19639.1-2005
- IEC60896-21/22:2004
- IEC61056-1/2 :2002
- BS 6290-4:1997

Applications:

- Electronic toys
- UPS&EPS systems
- Generator starting
- Electronic powered vehicles/golf cars and buggies
- Solar power/wind power systems



Model	Voltage (V)	Capacity (Ah)	Dimension								Weight (APPROX.)		Terminal	
			Length		Width		Height		T.Height		(kg)	(Lb)	Type	Layout
DC7.2-12	12	7.2	151	5.94	65	2.56	94	3.70	100	3.94	2.3	5.03	F1/F2/B3	D
DC12-12	12	12	152	5.98	99	3.90	95	3.74	100	3.94	3.5	7.80	F1/F2	D
DC26-12	12	26	175	6.89	166	6.54	126	4.96	126	4.96	8.8	19.29	B2/T1	B
DC33-12	12	33	196	7.72	130	5.12	155	6.10	170	6.69	9.5	20.94	T2	A
DC38-12	12	38	198	7.80	167	6.57	173	6.81	173	6.81	13.0	28.55	T2	B
DC65-12	12	65	348	13.70	168	6.61	177	6.97	177	6.97	20.2	44.53	T3	B
DC75-12	12	75	260	10.24	169	6.65	213	8.39	219	8.62	22.8	50.27	T3	A
DC100-12	12	100	330	12.99	172	6.77	218	8.58	223	8.78	28.9	63.71	T4	A
DC120-12	12	120	406	15.98	173	6.81	208	8.19	233	9.17	33.7	74.30	T4	A
DC140-12	12	140	341	13.43	173	6.81	281	11.06	286	11.26	41.5	91.49	T4	-
DC150-12	12	150	481	18.94	170	6.69	242	9.45	245	9.65	43.7	96.34	T5	A
DC200-12	12	200	522	20.55	240	9.45	221	8.70	226	8.90	56.8	125.22	T5	C
DC250-12	12	250	522	20.55	268	10.55	220	8.66	225	8.86	66.2	145.95	T5	C



HIGH RATE BATTERY

JYC HR series battery is specially designed for

applications that require high power output.

By optimum design of battery grids and plate paste

formula, the HR series can offer 30% more power than

JYC GP series.

STANDARD COMPLIANT

GB/T 19639.1-2005
IEC60896-21/22:2004
IEC61056-1/2: 2002
BS 6290-4:1997

PRODUCT FEATURES:

- Voltage: 12V
- Capacity range: (C20)5Ah-28Ah
(C10) 35Ah-150Ah
21W-510W/cell(25 °C)
- Designed floating life: (12V) ≤14Ah, 5 years(25 °C)
(12V) 15Ah~36Ah, 6 years(25 °C)
(12V) 38Ah~250Ah, 6 years(25 °C)
- Low self-discharge rate: ≤2%/month(25 °C)
- Superior energy density and higher power output
- High gas recombination efficiency: ≥98%
- Operation temperature range: -20~50 °C

Applications:

- Electronic toys
- UPS&EPS systems
- Generators starting



Model	Voltage (V)	15min. Rate Capacity (Watts /cell)	Dimension								Weight (APPROX.)		Terminal Type
			Length		Width		Height		T.Height		(kg)	(Lb)	
HR1228W	12	28	151	5.94	65	2.56	94	3.7	100	3.94	2.3	4.98	F2
HR1233W	12	33	151	5.94	65	2.56	94	3.7	100	3.94	2.4	5.18	F2
HR1235W	12	35	151	5.94	65	2.56	94	3.7	100	3.94	2.5	5.42	F2
HR1237W	12	37	151	5.94	65	2.56	94	3.7	100	3.94	2.6	5.64	F2
HR1255W	12	55	152	5.98	99	3.9	95	3.74	100	3.94	3.7	8.05	F2
HR1290W	12	90	182	7.17	77	3.03	167	6.57	167	6.57	5.9	12.90	T1
HR12110W	12	110	175	6.89	166	6.54	126	4.96	126	4.96	7.7	16.98	T1
HR12112W	12	112	165	6.50	126	4.96	173	6.81	173	6.81	8.4	18.52	T2
HR12145W	12	145	196	7.71	130	5.11	155	6.1	170	6.69	10.1	22.27	T2
HR12165W	12	165	198	7.80	167	6.57	173	6.81	173	6.81	12.5	27.56	T2
HR12200W	12	200	230	9.06	139	5.47	210	8.27	215	8.46	16.0	35.49	T2
HR12260W	12	260	348	13.70	168	6.61	177	6.97	177	6.97	20.8	45.86	T3
HR12275W	12	275	348	13.70	168	6.61	177	6.97	177	6.97	21.25	46.85	T3
HR12300W	12	300	260	10.24	169	6.65	213	8.39	219	8.62	24.1	53.13	T3
HR12330W	12	330	260	10.24	169	6.65	212	8.35	216	8.50	24.9	54.90	T3
HR12360W	12	360	306	12.05	168	6.61	210	8.27	214	8.43	28.6	63.05	T4
HR12400W	12	400	330	12.99	172	6.77	218	8.58	222	8.74	30.3	66.80	T5
HR12405W	12	405	306	12.05	168	6.61	210	8.27	214	8.43	29.5	65.04	T4
HR12430W	12	430	330	12.99	172	6.77	218	8.58	222	8.74	32.4	71.43	T5
HR12460W	12	460	406	15.98	173	6.81	208	8.19	233	9.17	36.2	79.81	T5
HR12520W	12	520	341	13.43	173	6.81	281	11.06	286	11.26	43.7	96.34	T4
HR12560W	12	560	481	18.94	170	6.69	242	9.53	245	9.65	43.8	96.56	T5
HR12700W	12	700	522	20.55	240	9.45	221	8.7	226	8.90	57.7	127.21	T5
HR12730W	12	730	522	20.55	240	9.45	221	8.7	226	8.90	59.9	132.06	T5
HR12760W	12	760	522	20.55	240	9.45	221	8.7	226	8.90	60.9	134.26	T5
HR12800W	12	800	522	20.55	240	9.45	221	8.7	226	8.90	63.5	139.99	T5
HR12870W	12	870	522	20.55	268	10.55	220	8.66	225	8.87	74.2	163.58	T5



FRONT TERMINAL BATTERY

FT 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:

- Voltage: 12V
- Capacity range: (C10) 50Ah-200Ah
- Designed floating life:12 years(25℃)
- Low self-discharge rate: ≤2%/month(25℃)
- High gas recombination efficiency: ≥98%
- Easy installation and handing
- Operation temperature range: -20~50℃

STANDARD COMPLIANT

- GB/T 19639.1-2005
- IEC60896-21/22:2004
- IEC61056-1/2 :2002
- BS 6290-4:1997

Applications:

- Telecommunications
- UPS&EPS systems



Model	Voltage (V)	Capacity (Ah)	Dimension								Weight (APPROX.)		Terminal	
			Length		Width		Height		T.Height		(kg)	(Lb)	Type	Layout
			(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)				
FT50-12	12	50	507	19.96	110	4.33	222	8.74	233	9.17	20.6	45.50	T4	B
FT62-12	12	62	360	14.17	100	4.25	230	9.06	240	9.45	18.4	40.57	T3	B
FT75-12	12	75	567	22.32	110	4.33	283	11.14	296	11.65	31.5	69.34	T4	B
FT90-12	12	90	507	19.96	110	4.33	222	8.74	233	9.17	29.2	64.40	T4	B
FT100-12	12	100	507	19.96	110	4.33	222	8.74	233	9.17	30.2	66.60	T4	B
FT125-12	12	125	436	17.16	108	3.93	316	12.44	316	12.44	35.8	78.93	-	-
FT150-12	12	150	567	22.32	110	4.33	283	11.14	296	11.65	45.5	100.31	T4	B
FT170-12	12	170	547	21.53	124	4.88	310	12.20	320	12.59	48.5	106.92	T4	B
FT180-12	12	180	547	21.53	124	4.88	310	12.20	320	12.59	54.0	119.05	T4	B
FT200-12	12	200	547	21.53	124	4.88	310	12.20	320	12.59	56.2	123.90	T4	B



GEL BATTERY

JYC GEL series battery is manufactured with special separators and silica gel immobilizing the electrolyte inside the battery. The proven silica gel technology can improve battery cycle life and performance at wider temperature range. The deep discharge cycle life is increased 50% compared with the GP series battery.

Product Features

- Voltage: 12V
- Capacity range: (C10) 33Ah-250Ah
- Designed floating life: (12V) 33Ah 6 years(25 °C)
(12V) 38Ah~250Ah 10 years(25 °C)
- Low self-discharge rate: $\leq 2\%$ /month(25 °C)
- Deep/shallow discharge cycle application
- Number of cycles(25 °C):
 - 30% DOD: 1800 cycles(12V)
2800 cycles(2V)
 - 50% DOD: 800 cycles(12V)
1500 cycles(2V)
 - 80% DOD: 450 cycles(12V)
800 cycles(2V)
- Operation temperature range: -40~65 °C

STANDARD COMPLIANT

- GB/T 19639.1-2005
- IEC60896-21/22:2004
- IEC61056-1/2 :2002
- BS 6290-4:1997

Applications:

- Electronic toys
- UPS&EPS systems
- Generator starting
- Electronic powered vehicles/golf cars and buggies
- Solar power/wind power systems



Model	Voltage (V)	Capacity (Ah)	Dimension								Weight (APPROX.)		Terminal	
			Length		Width		Height		T.Height		(kg)	(Lb)	Type	Layout
			(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)				
GE33-12	12	33	196	7.72	130	5.12	155	6.10	170	6.69	9.5	19.84	T2	A
GE38-12	12	38	198	7.80	167	6.57	173	6.81	173	6.81	11.40	25.13	T2	B
GE55-12	12	55	230	9.06	139	5.47	210	8.27	215	8.46	15.3	33.73	T2	A
GE65-12	12	65	348	13.70	168	6.61	177	6.97	177	6.97	18.8	41.45	T3	B
GE70-12	12	70	260	10.24	169	6.65	213	8.39	219	8.62	19.4	42.77	T3	A
GE90-12	12	90	306	12.05	168	6.61	210	8.27	214	8.43	24.6	54.23	T4	A
GE100-12	12	100	330	12.99	172	6.77	218	8.58	222	8.74	28.20	62.17	T4	A
GE120-12	12	120	406	15.98	173	6.81	208	8.19	233	9.17	33.30	73.41	T4	A
GE150-12	12	150	481	18.94	170	6.69	242	9.53	245	9.65	40.80	89.95	T5	A
GE200-12	12	200	522	20.55	240	9.45	221	8.70	226	8.90	55.50	122.36	T5	C
GE250-12	12	250	522	20.55	268	10.55	220	8.66	225	8.86	64.20	141.54	T5	C



OPzV BATTERY

JYC OPzV battery series(tubular GEL) battery is developed tubular positive plates with fumed gelled electrolyte. Performances meet or exceed the standards specified in DIN 40742, with long design life and high deep cycling capabilities. This battery is recommended for telecom outdoor applications, renewable energy systems and EXTREME environment applications

PRODUCT FEATURES:

- Voltage: 2V/12V
- Capacity range: (C10) 100Ah-3000Ah(25 °C)
- Self-discharge rate: ≤ 3%/month(25 °C)
- Designed floating life: 20 years(25 °C)
- Gelled electrolyte, no flow, no leakage or no gradation acid
- Much longer life of tubular positive plates
- PVC separator, special for gel battery with tiny holes
- Suitable for deep/shallow cycle applications
- Cycle life: (25 °C):
 - 20% DOD: 6800 cycles
 - 50% DOD: 2500 cycles
 - 80% DOD: 1500 cycles
- Operation temperature range: -40~65 °C

STANDARD COMPLIANT

- GB/T 22473-2008
- IEC60896-21/22: 2004
- IEC61427-2005
- DIN43539-T5:1984
- DIN40742:1999
- BS EN 61427-2002

Applications:

- telecommunications
- UPS&EPS systems
- Solar power/wind power systems



Model	Voltage	Capacity	Dimension								Weight		Terminal
			Length		Width		Height		T.Height		(APPROX.)		
	(V)	(Ah)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)	(Lb)	Type
OPzV100-12	12	100	408	16.06	177	6.97	210	8.26	225	8.85	36.0	79.40	T4
OPzV150-12	12	150	522	20.55	240	9.45	208	8.19	224	8.82	56.1	123.68	T5
OPzV200-12	12	200	520	20.47	268	10.55	209	8.23	223	8.78	71.5	157.63	T5
OPzV200-2	2	200	206	8.11	103	4.06	355	13.98	390	15.35	17.5	38.58	T5
OPzV250-2	2	250	206	8.11	124	4.88	355	13.98	390	15.35	21.8	48.06	T5
OPzV300-2	2	300	206	8.11	145	5.71	355	13.98	390	15.35	25.1	55.34	T5
OPzV350-2	2	350	206	8.11	124	4.88	470	18.5	505	19.88	27.6	60.85	T5
OPzV420-2	2	420	206	8.11	145	5.71	470	18.5	505	19.88	31.5	69.45	T5
OPzV490-2	2	490	206	8.11	166	6.54	470	18.5	505	19.88	37.4	82.45	T5
OPzV600-2	2	600	206	8.11	145	5.71	645	25.39	680	26.77	43.5	95.90	T5
OPzV770-2	2	770	254	10.00	210	8.27	470	18.5	505	19.89	52.5	115.74	T5
OPzV800-2	2	800	210	8.26	191	7.52	645	25.39	680	26.77	58.2	128.31	T5
OPzV1000-2	2	1000	233	9.17	210	8.27	645	25.39	680	26.77	70.5	155.43	T5
OPzV1200-2	2	1200	275	10.83	210	8.27	645	25.39	680	26.77	84.0	185.19	T5
OPzV1500-2	2	1500	275	10.83	210	8.27	796	31.34	831	32.72	103.0	227.08	T5
OPzV2000-2	2	2000	399	15.71	214	8.43	772	30.39	807	31.77	140.0	308.65	T5
OPzV2500-2	2	2500	487	19.17	212	8.35	769	30.28	804	31.65	175.8	387.57	T5
OPzV3000-2	2	3000	576	22.68	212	8.35	770	30.31	805	31.69	207.3	457.02	T5



OPzS BATTERY

JYC OPzS battery is a traditional tubular plates flooded stationary battery, with low maintenance, acid-proof and explosion-proof, its performance meets or exceeds the standards specified in DIN40736. This battery is most suitable for all standby power applications that require the highest level of reliability and EXTREME environment applications.

PRODUCT FEATURES:

- Voltage: 2V
- Capacity range: (C10) 100Ah-3000Ah(25 °C)
- Low maintenance: replenishment is 3 years
- Designed floating life: 20 years(25 °C)
- Suitable for deep/shallow cycle applications
- Cycle life: (25 °C):
 - 20% DOD: 8000 cycles
 - 50% DOD: 3000 cycles
 - 80% DOD: 2000 cycles
- Operation temperature range: -40~65 °C

STANDARD COMPLIANT

- GB/T 22473-2008
- IEC60896-21/22: 2004
- IEC61427-2005
- DIN43539-T5:1984
- DIN40742:1999
- BS EN 61427-2002

Applications:

- telecommunications
- UPS&EPS systems
- Solar power/wind power systems



Model	Voltage	Capacity	Dimension								Dry Weight		Wet Weight		Terminal Type
			Length		Width		Height		T.Height		(APPROX.)		(APPROX.)		
	(V)	(Ah)	mm	inch	mm	inch	(mm)	(inch)	mm	inch	kg	lbs	kg	lbs	
OPzS200-2	2	200	206	8.11	103	4.06	355	13.98	410	16.14	13	28.70	18.0	39.60	T5
OPzS250-2	2	250	206	8.11	124	4.88	355	13.98	410	16.14	15	33.10	21.5	47.40	T5
OPzS300-2	2	300	206	8.11	145	5.71	355	13.98	410	16.14	18	39.70	25.3	55.70	T5
OPzS350-2	2	350	206	8.11	124	4.88	470	18.50	525	20.67	20	44.10	28.0	61.70	T5
OPzS420-2	2	420	206	8.11	145	5.71	470	18.50	525	20.67	24	52.90	32.8	72.40	T5
OPzS490-2	2	490	206	8.11	166	6.54	470	18.50	525	20.67	27	59.50	37.6	83.00	T5
OPzS600-2	2	600	206	8.11	145	5.71	645	25.39	700	27.56	32	70.50	44.6	98.40	T5
OPzS770-2	2	770	254	10.00	210	8.27	470	18.50	525	20.67	38	83.78	54.9	121.08	T5
OPzS800-2	2	800	210	8.27	191	7.52	645	25.39	700	27.56	44	97.00	59.0	130.10	T5
OPzS1000-2	2	1000	233	9.17	210	8.27	645	25.39	700	27.56	53	116.80	73.6	162.20	T5
OPzS1200-2	2	1200	275	10.83	210	8.27	645	25.39	700	27.56	62	136.70	86.8	191.40	T5
OPzS1500-2	2	1500	275	10.83	210	8.27	796	31.34	851	33.50	77	169.80	106.4	234.60	T5
OPzS2000-2	2	2000	399	15.71	214	8.43	772	30.39	827	32.56	104	229.30	148.2	326.70	T5
OPzS2500-2	2	2500	487	19.17	212	8.35	769	30.27	824	32.44	131	288.80	182.7	402.80	T5
OPzS3000-2	2	3000	576	22.68	212	8.35	770	30.31	825	32.48	154	339.50	216.3	476.90	T5



CCDR BATTERY

CCDR Series Battery uses the self-created energy-gathering curve grid technology. Punching grid alloy has high molecular density to make lower internal resistance, better consistency, and more suitable for deep cycle use. The stereoscopic grid structure enhances the lead paste's surface area of contact, and the grid is dense, challenging to break, and corrosion-resistant, thereby extending the battery's useful life.

Product Features

- Voltage: 12V
- Capacity range: (C10) 38Ah-250Ah
- Designed floating life:(12V) 38Ah~250Ah 10 years(25℃)
- Low self-discharge rate:≤2%/month(25℃)
- Deep/shallow discharge cycle application
- Number of cycles(25℃):
 - 30% DOD: 2300 cycles
 - 50% DOD: 1200 cycles
 - 80% DOD: 600 cycles
- Operation temperature range: -20~50℃

STANDARD COMPLIANT

- GB/T 19639.1-2005
- IEC60896-21/22:2004
- IEC61056-1/2 :2002
- BS 6290-4:1997

Applications:

- Electronic toys
- UPS&EPS systems
- Generator starting
- Electronic powered vehicles/golf cars and buggies



Model	Voltage (V)	Capacity (Ah)	Dimension								Weight (APPROX.)		Terminal	
			Length		Width		Height		T.Height		(kg)	(Lb)	Type	Layout
			(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)				
CCDR38-12	12	38	198	7.80	167	6.57	173	6.81	173	6.81	11.4	25.13	T2	B
CCDR55-12	12	55	348	13.70	168	6.61	177	6.97	177	6.97	17.2	37.48	T3	-
CCDR60-12	12	60	348	13.70	168	6.61	177	6.97	177	6.97	18.0	39.24	T3	-
CCDR65-12	12	65	348	13.70	168	6.61	177	6.97	177	6.97	18.8	41.45	T3	B
CCDR85-12	12	85	348	13.70	168	6.61	177	6.97	177	6.97	21.4	47.07	T3	-
CCDR90-12	12	90	330	12.99	172	6.77	218	8.58	223	8.78	26.0	57.32	T4	A
CCDR100-12	12	100	330	12.99	172	6.77	218	8.58	223	8.78	28.2	62.17	T4	A
CCDR110-12	12	110	406	15.98	173	6.81	208	8.19	233	9.17	31.2	68.78	T4	A
CCDR120-12	12	120	406	15.98	173	6.81	208	8.19	233	9.17	33.3	73.41	T4	A
CCDR140-12	12	140	481	18.94	170	6.69	242	9.53	245	9.65	38.3	84.44	T5	A
CCDR160-12	12	160	522	20.55	240	9.45	221	8.70	226	8.89	46.8	104.72	T5	-
CCDR175-12	12	175	522	20.55	240	9.45	221	8.70	226	8.89	49.0	109.35	T5	-
CCDR190-12	12	190	522	20.55	240	9.45	221	8.70	226	8.89	51.6	114.64	T5	-
CCDR200-12	12	200	522	20.55	240	9.45	221	8.70	226	8.89	55.5	122.36	T5	C

Successful Case

Remarkable quality win-win
Professional green batteries solutions
provider, safe and reliable

JYC battery products are widely used in various areas like finance, taxation,communications, postal, power, media, transportation, aerospace,petrochemical, military, marine, medical, mining industries, education, solarand wind energy power system, etc. and meanwhile we've establishedlong-term partnerships with many domestic and foreign UPS power systemmanufacturers, banking systems, governments at all levels, colleges anduniversities, electric power stations and plants, solar and wind energysystem suppliers, EPS/Switching power suppliers, automobilemanufacturers, etc.





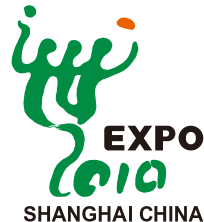
2008 Beijing Olympic Games Stadium Project
2008 Beijing Olympic Games Olympic Village Project



2010 Guangzhou Asian Games Stadium Project
2010 Guangzhou Asian Games Village Project



2011 Shenzhen Universiade Games Stadium Project
2011 Shenzhen Universiade Games Village Project



2010 Shanghai World Expo Pavilion Project
2010 Shanghai World Expo Village Project



Chongqing State Security Bureau
Overseas Chinese Affairs Office of The State Council
Liaoning Treasury Building



Emergency project of Henan section of Beijing-Zhuhai expressway
Part of emergency project of Guangzhou-Shenzhen Railway
Emergency project of Zhengzhou-Wuhan section of high speed rail



Hefei People's Hospital
Fujian Provincial Tancer Hospital
Nanjing Jiangning People's Hospital



中国航天
Xichang Satellite Launch Center of China



Guangzhou Baiyun International Airport
Zhengzhou Xinzheng International Airport



Shandong Provincial Minitary Cyber Forces
Second Artillery Force of the PLA



China Mobile, Hunan Branch
Signal base station project of China Telecom Changchun Branch

Power Industry	Finance Industry	Communications Industry	Transportation Industry
Energy Storage Industry	Media Communications	Transportation Industry	Finance Industry
Taiwan Data Center Project	China Mobile	Malaysia Airport Project	Deutsch Bank Malaysia Berhad Project
Singapore Data Center Project	China Telecom	Malaysian Metro Project	People's Bank of China
Australia Data Center Project	China Tower	Zhangjiajie Hehua International Airport	Industrial and Commercial Bank of China
PDRM (Polis Diraja Malaysia) DATA Center Project	Nepal Project	Beijing Daxing International Airport	China Construction Bank
Data Center Energy Storage Project	Jilin Radio and Television Station	Shaanxi Ankang Fuqiang Airport	China Post Bank
Mali Project Solar Gel Battery	Morocco Telecom Project	Beijing Capital Airport	China Rural Credit Cooperatives
Guangxi Electric Power Research Institute	Beijing Gehua Cable TV Company	Ulanhot Airport	Bank of Guangzhou

