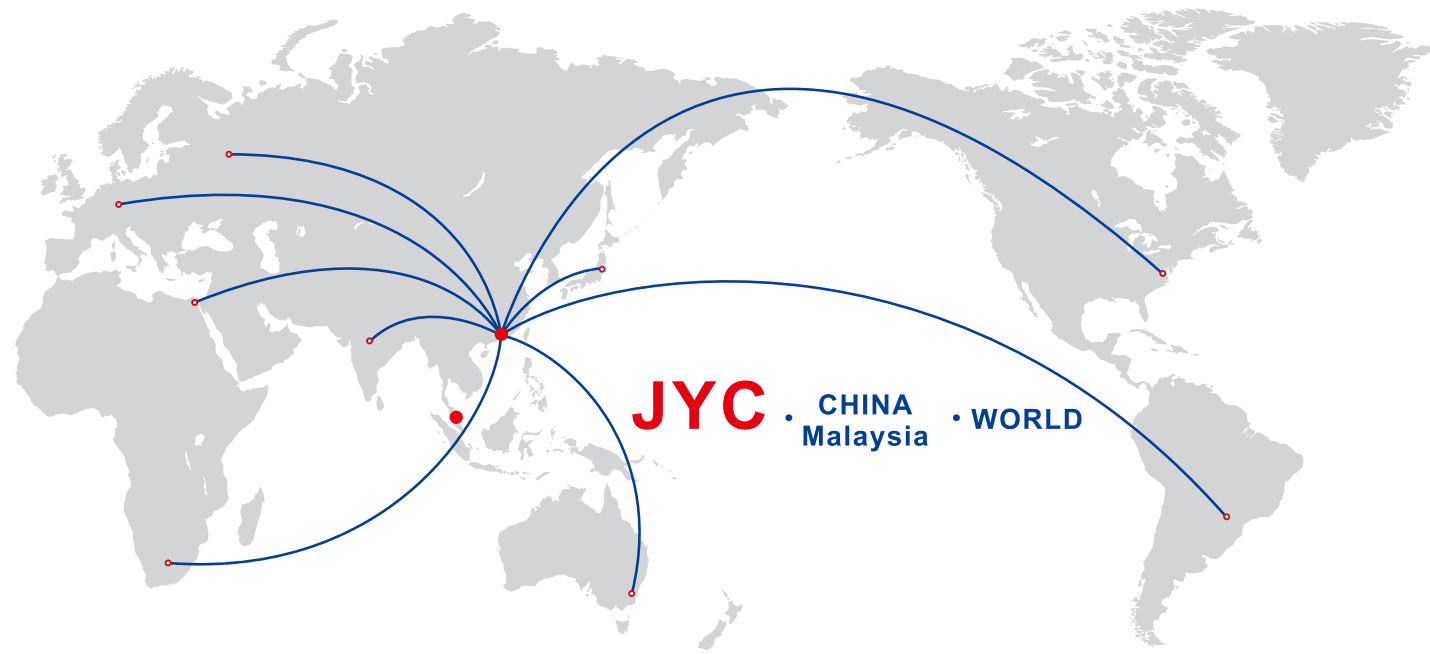


JYC BATTERY



JYC BATTERY MANUFACTURER CO.,LTD

China factory: Wengcheng Industrial Park, Guandu development Zone,Wengyuan,
Shaoguan, Guangdong,China

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JYC BATTERY MANUFACTURER CO.,LTD



Honor & Qualification

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

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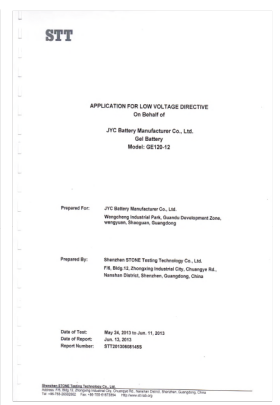
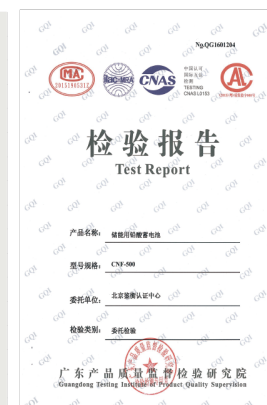
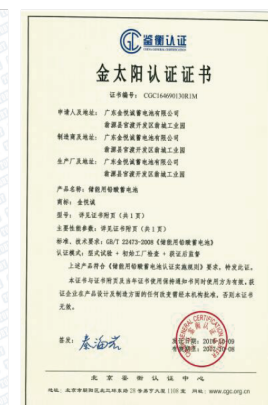
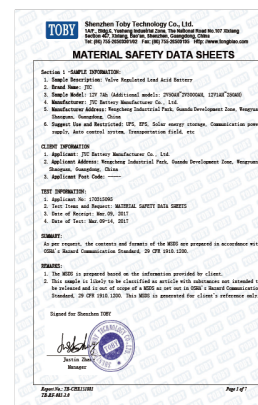
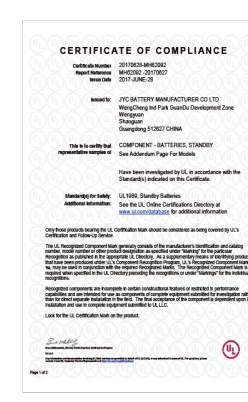
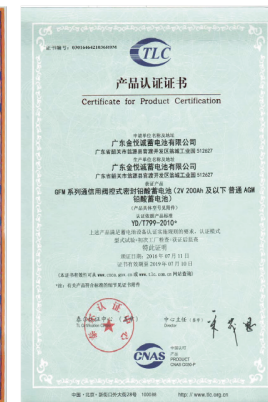
ISO9001



OHSAS18001



ISO14001





▲ Factory In China



▲ Factory In Malaysia

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:

- 150,000 m² China factory
- 50,000 m² Malaysia factory
- 2000 m² office building
- 4000 m² R&D center



Employee:

- Over 680 workers and 56 engineers



VRLA plates production capability:

- 3000tons/month



Battery ABS case production capability:

- 500tons/month



VRLA battery production lines:

- 6 semi-automatic lines and 12 automatic lines



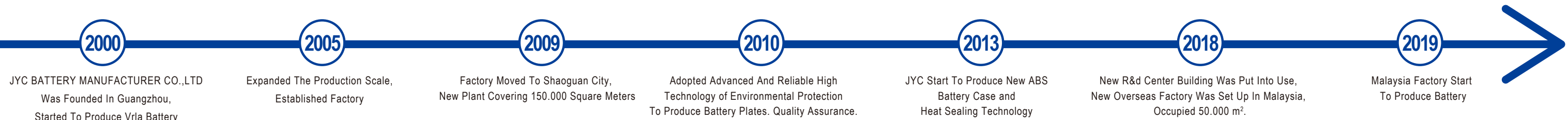
VRLA battery production capability:

- 2.5 million KVAH/year



Certificates:

- ISO9001, ISO14000, ISO18000, UL, CE, TLC, IEC, RoHS





JYC R&D And Quality Center

Certifications and Standards

- | | | | |
|-------------------|------------------|------------------------|---------------------|
| • UL | • CE | • VDS | • TLC |
| • ISO9001 | • ISO14001 | • ISO18000 | • 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 | |



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

- 4,000 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



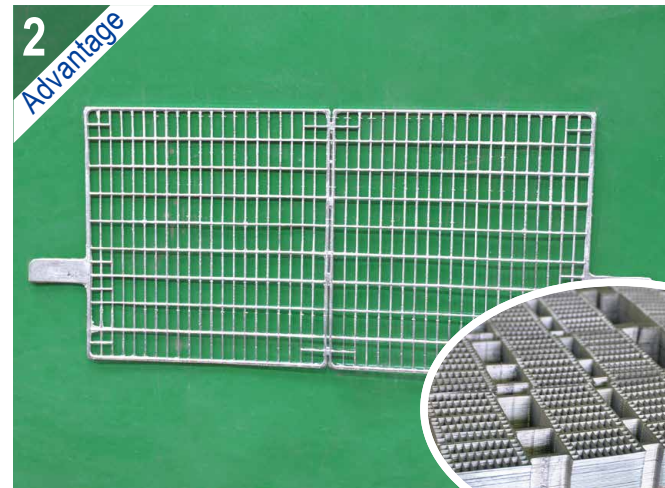
Environment and Employee Health Care

- ISO14000 and ISO18000 certified
- 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

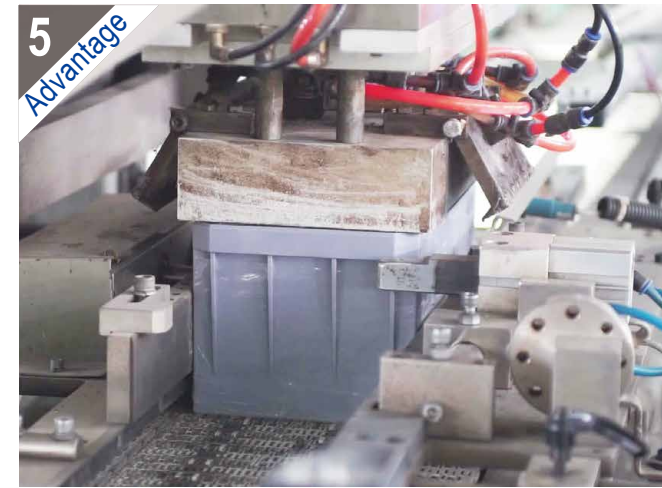
OUR ADVANTAGES



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



➤ High-Tin alloy grid
Proven High-Tin alloy plate technique enhances plate anti-corrosion performance, increasing battery life.



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



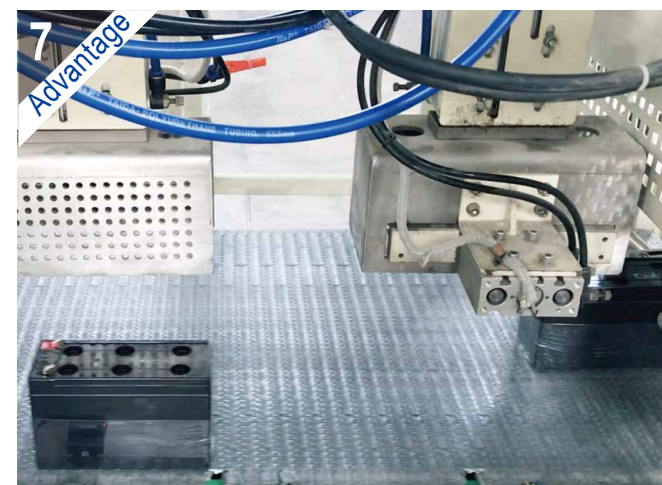
➤ Inner formation
Advanced and proven inner formation technique prevents the batteries from electrolyte emission, insuring plate formation complete and enabling batteries longer lifetime.



➤ Cast-Welding
Automatic plates-group cast-welding technique insures stable welding to the battery, without disconnection.



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

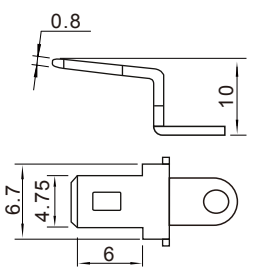
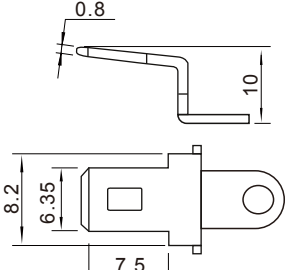
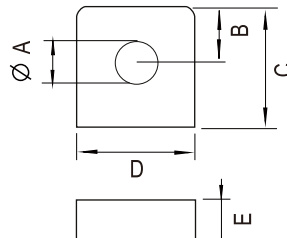
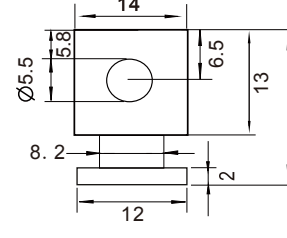


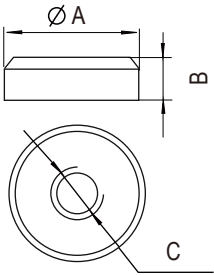
➤ Capacity sorting
Plates weight-sorting and automatic assembly line insure a precise acid-filling volume and battery being fully charged.



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

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 

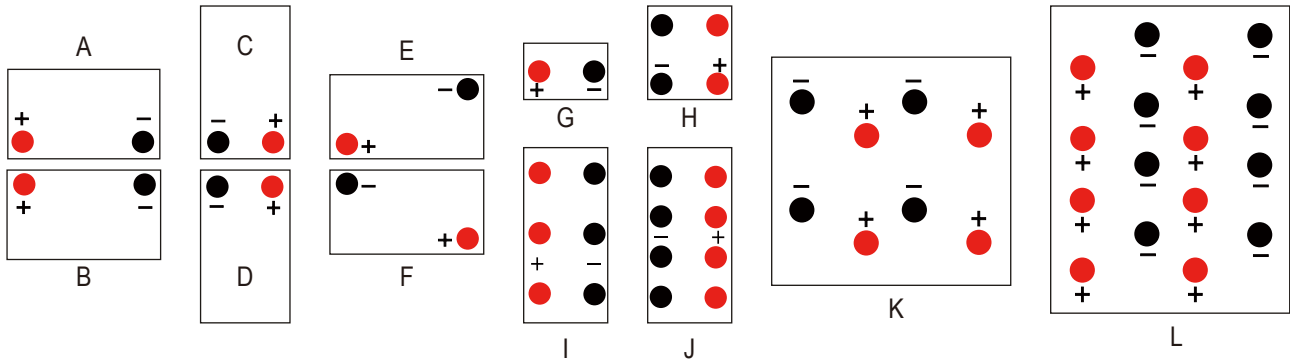


Code	Description	Dimension (mm)		
		A	B	C
T1	Inserted Copper Terminal	12	4±1	M5
T2	Inserted Copper Terminal	14	4±1	M6
T3	Inserted Copper Terminal	16	4±1	M6
T4	Inserted Copper Terminal	18	4±1	M8
T5	Inserted Copper Terminal	20	4±1	M8

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)1.3Ah-28Ah
(C10)33Ah-3000Ah
- Designed floating life: (4V,6V,12V) ≤28Ah, 5 years(25℃)
(12V) >28Ah, 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 (V)	Capacity (Ah)	Dimension								Weight (APPROX.)		Terminal	
			Length		Width		Height		T.Height		(kg)	(Lb)	Type	Layout
GP4-4	4	4	47.5	1.87	47.5	1.87	101.7	4.00	107.7	4.24	0.46	1.0	F1	C
GP4.5-4	4	4.5	47.5	1.87	47.5	1.87	101.7	4.00	107.7	4.24	0.48	1.1	F1	C
GP5-4	4	5	47.5	1.87	47.5	1.87	101.7	4.00	107.7	4.24	0.52	1.1	F1	C

GP1.3-6	6	1.3	96.7	3.81	24	0.94	51.1	2.01	57.1	2.25	0.27	0.6	F1	A
GP2.8-6	6	2.8	66.9	2.63	33.4	1.31	97.5	3.84	103.5	4.07	0.49	1.1	F1	E
GP3.2-6	6	3.2	124.9	4.92	33	1.30	60.5	2.38	66.5	2.62	0.63	1.4	F1	A
GP4.0-6	6	4	70	2.76	47	1.85	100	3.94	105	4.13	0.64	1.4	F1/F2	E
GP4.5-6	6	4.5	70	2.76	47	1.85	100	3.94	105	4.13	0.68	1.5	F1/F2	E
GP5.0-6	6	5	70	2.76	47	1.85	100	3.94	105	4.13	0.71	1.6	F1/F2	E
GP7.0-6	6	7	151	5.94	35	1.38	93	3.66	99	3.90	1.03	2.3	F1/F2	A
GP8.0-6	6	8	151	5.94	35	1.38	93	3.66	99	3.90	1.1	2.4	F1/F2	A
GP10-6	6	10	151	5.94	51	2.01	94	3.70	100	3.94	1.54	3.4	F1/F2	A
GP12-6	6	12	151	5.94	51	2.01	94	3.70	100	3.94	1.67	3.7	F1/F2	A
GP14-6	6	14	151	5.94	51	2.01	94	3.70	100	3.94	1.8	4.0	F1/F2	A

GP1.3-12	12	1.3	97.8	3.85	45.6	1.80	52.4	2.06	58.4	2.30	0.56	1.2	F1	C
GP2.3-12	12	2.3	70.6	2.78	47.5	1.87	98.2	3.87	104.2	4.10	0.85	1.9	F1	A

Model	Voltage (V)	Capacity (Ah)	Dimension								Weight (APPROX.)		Terminal	
			Length		Width		Height		T.Height		(kg)	(Lb)	Type	Layout
GP3.2-12	12	3.2	134.2	5.28	67.6	2.66	60	2.36	66.9	2.63	1.29	2.8	F1	C
GP4.0-12	12	4	91	3.58	70	2.76	102	4.02	107	4.21	1.23	2.7	F1/F2	A
GP4.5-12	12	4.5	91	3.58	70	2.76	102	4.02	107	4.21	1.35	3.0	F1/F2	A
GP5.0-12	12	5	91	3.58	70	2.76	102	4.02	107	4.21	1.41	3.1	F1/F2	A
GP6.5-12	12	6.5	151	5.94	65	2.56	94	3.70	100	3.94	1.9	4.2	F1/F2	D
GP7.0-12	12	7	151	5.94	65	2.56	94	3.70	100	3.94	2.04	4.5	F1/F2	D
GP7.2-12	12	7.2	151	5.94	65	2.56	94	3.70	100	3.94	2.05	4.5	F1/F2	D
GP7.5-12	12	7.5	151	5.94	65	2.56	94	3.70	100	3.94	2.07	4.6	F1/F2	D
GP8.0-12	12	8	151	5.94	65	2.56	94	3.70	100	3.94	2.17	4.8	F1/F2	D
GP9.0-12	12	9	151	5.94	65	2.56	94	3.70	100	3.94	2.35	5.2	F1/F2	D
GP10-12	12	10	152	5.98	99	3.90	95	3.74	100	3.94	3	6.6	F1/F2	D
GP12-12	12	12	152	5.98	99	3.90	95	3.74	100	3.94	3.3	7.3	F1/F2	D
GP17-12	12	17	181	7.13	77	3.03	158	6.22	167	6.57	4.7	10.4	B1/T1	B
GP18-12	12	18	181	7.13	77	3.03	158	6.22	167	6.57	5	11.0	B1/T1	B
GP24-12	12	24	175	6.89	166	6.54	126	4.96	126	4.96	7.15	15.8	B2/T1	B
GP26-12	12	26	165	6.50	126	4.96	173	6.81	173	6.81	7.4	16.3	T2	B
GP28-12	12	28	175	6.89	166	6.54	126	4.96	126	4.96	7.7	17.0	B2/T1	B
GP33-12	12	33	195	7.68	130	5.12	155	6.10	168	6.61	9.75	21.5	T2	A
GP40-12	12	40	196	7.72	165	6.50	173	6.81	173	6.81	11.6	25.6	T2	B
GP45-12	12	45	196	7.72	165	6.50	173	6.81	173	6.81	13.45	29.7	T2	B
GP55-12	12	55	230	9.06	138	5.43	210	8.27	215	8.46	15.3	33.7	T2	A
GP65-12	12	65	347	13.66	168	6.61	168	6.61	176	6.93	19.1	42.1	T3	B
GP75-12	12	75	260	10.24	169	6.65	210	8.27	214	8.43	20.5	45.2	T3	A
GP90-12	12	90	306	12.05	168	6.61	209	8.23	212	8.35	25	55.1	T4	A
GP100-12	12	100	329	12.95	172	6.77	218	8.58	225	8.86	27.7	61.1	T4	A
GP120-12	12	120	406	15.98	174	6.85	215	8.46	233	9.17	32.6	71.9	T4	A
GP150-12	12	150	484	19.06	170	6.69	242	9.53	247	9.72	41	90.4	T5	A
GP200-12	12	200	522	20.55	240	9.45	221	8.70	226	8.90	54.8	120.8	T5	C
GP250-12	12	250	522	20.55	268	10.55	220	8.66	225	8.86	63.8	140.7	T5	C

GP100-2	2	100	171	6.73	72	2.83	205	8.07	210	8.27	5.5	12.13	T5	G
GP150-2	2	150	171	6.73	102	4.02	206	8.11	221	8.70	7.4	16.31	T5	G
GP200-2	2	200	173	6.81	111	4.37	329	12.95	365	14.37	11.8	26.0	T5	G
GP300-2	2	300	171	6.73	151	5.94	330	12.99	366	14.41	16.3	35.9	T5	G
GP400-2	2	400	211	8.31	176	6.93	329	12.95	367	14.45	22.9	50.5	T5	G
GP500-2	2	500	241	9.49	172	6.77	330	12.99	364	14.33	26.8	59.1	T5	G
GP600-2	2	600	301	11.85	175	6.89	331	13.03	366	14.41	32.7	72.1	T5	G
GP800-2	2	800	401	15.79	176	6.93	330	12.99	365	14.37	46.9	103.4	T5	H
GP1000-2	2	1000	475	18.70	175	6.89	328	12.91	365	14.37	55	121.3	T5	H
GP1500-2	2	1500	400	15.75	350	13.78	345	13.58	382	15.04	85	187.39	T5	H
GP2000-2	2	2000	490	19.29	350	13.78	345	13.58	382	15.04	106	233.7	T5	I
GP3000-2	2	3000	710	27.95	350	13.78	345	13.58	382	15.04	152	335	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)7Ah-26Ah
(C10)33Ah-250Ah
- Designed floating life: ≤26Ah, 5 years(25℃)
>26Ah, 10 years(25℃)
- Low self-discharge rate: ≤2%/month(25℃)
- High gas recombination efficiency: ≥98%
- Suitable for deep cycle applications
- Cycle life: (25℃)
30% DOD: 1500~1800 cycles
50% DOD: 600~800 cycles
80% DOD: 350~450 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
- Solar power/wind power systems



Model	Voltage	Capacity	Dimension								Weight		Terminal	
			Length		Width		Height		T.Height		(APPROX.)		Type	
			(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)	(Lb)	Type	Layout
DC7-12	12	7	151	5.94	65	2.56	94	3.70	100	3.94	2.17	4.8	F1/F2	D
DC12-12	12	12	152	5.98	99	3.90	95	3.74	100	3.94	3.3	7.3	F1/F2	D
DC18-12	12	18	181	7.13	77	3.03	158	6.22	167	6.57	5.0	11.0	B1/T1	B
DC26-12	12	26	175	6.89	166	6.54	126	4.96	126	4.96	7.4	16.3	B2/T1	B
DC33-12	12	33	195	7.68	130	5.12	155	6.10	168	6.61	10.15	22.4	T2	A
DC40-12	12	40	196	7.72	165	6.50	173	6.81	173	6.81	13.5	29.8	T2	B
DC50-12	12	50	230	9.06	138	5.43	210	8.27	215	8.46	15.3	33.7	T2	A
DC65-12	12	65	347	13.66	168	6.61	168	6.61	176	6.93	19.1	42.1	T3	B
DC70-12	12	70	260	10.24	169	6.65	210	8.27	214	8.43	20.5	45.2	T3	A
DC80-12	12	80	260	10.24	169	6.65	210	8.27	214	8.43	22	48.5	T3	A
DC90-12	12	90	306	12.05	168	6.61	209	8.23	212	8.35	25	55.1	T4	A
DC100-12	12	100	329	12.95	172	6.77	218	8.58	225	8.86	28.6	63.1	T4	A
DC120-12	12	120	406	15.98	174	6.85	215	8.46	233	9.17	33.5	73.9	T4	A
DC150-12	12	150	484	19.06	170	6.69	242	9.53	247	9.72	43.3	95.5	T5	A
DC200-12	12	200	522	20.55	240	9.45	221	8.70	226	8.90	57	125.7	T5	C
DC250-12	12	250	522	20.55	268	10.55	220	8.66	225	8.86	64	141.1	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.

PRODUCT FEATURES:

- Voltage: 12V
- Capacity range: (C20)5Ah-28Ah
(C10) 35Ah-150Ah
21W-510W/cell(25℃)
- Designed floating life:<=28Ah, 5 years(25℃)
>28Ah, 10 years(25℃)
- Low self-discharge rate: ≤2%/month(25℃)
- Superior energy density and higher power output
- 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



Model	Voltage	15min. Rate Capacity	Rated Capacity	Dimension								Weight		Termial
				Length		Width		Height		T.Height		(APPROX.)		
	(V)	(Watts /cell)	(Ah)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)	(Lb)	Type
HR1221W	12	21	5	91	3.58	70	2.76	102	4.02	107	4.21	1.49	3.3	F1/F2
HR1226W	12	26	8	151	5.94	65	2.56	94	3.70	100	3.94	2.17	4.8	F1/F2
HR1234W	12	34	9	151	5.94	65	2.56	94	3.70	100	3.94	2.35	5.2	F1/F2
HR1248W	12	48	12	152	5.98	99	3.90	95	3.74	100	3.94	3.50	7.7	F1/F2
HR1268W	12	68	20	181	7.13	77	3.03	158	6.22	167	6.57	5.30	11.7	B1/T1
HR1296W	12	96	28	175	6.89	166	6.54	126	4.96	126	4.96	7.70	17.0	B2/T1
HR12125W	12	125	35	195	7.68	130	5.12	155	6.10	168	6.61	10.15	22.4	T2
HR12150W	12	150	45	196	7.72	165	6.50	173	6.81	178	7.01	13.45	29.7	T2
HR12185W	12	185	55	230	9.06	138	5.43	210	8.27	215	8.46	15.30	33.7	T2
HR12280W	12	280	80	260	10.24	169	6.65	210	8.27	214	8.43	20.8	45.9	T3
HR12330W	12	330	90	306	12.05	168	6.61	209	8.23	212	8.35	25.0	55.1	T4
HR12380W	12	380	100	329	12.95	172	6.77	218	8.58	225	8.86	27.7	61.1	T4
HR12430W	12	430	120	406	15.98	174	6.85	215	8.46	233	9.17	32.60	71.9	T4
HR12510W	12	510	150	484	19.06	170	6.69	242	9.53	247	9.72	41.00	90.4	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	Capacity	Dimension								Weight		Terminal	
			Length		Width		Height		T.Height		(APPROX.)		Type	Layout
	(V)	(Ah)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)	(Lb)		
FT50-12	12	50	277	10.91	106	4.17	221	8.70	221	8.70	16	35.27	T2	B
FT75-12	12	75	562	22.13	114	4.49	189	7.44	189	7.44	25	55.12	T2	B
FT90-12	12	90	507	19.96	110	4.33	222	8.74	238	9.17	29	63.93	T4	B
FT100-12	12	100	507	19.96	110	4.33	222	8.74	233	9.17	30	66.14	T4	B
FT150-12	12	150	567	22.32	110	4.33	283	11.14	296	11.65	44.5	98.10	T4	B
FT180-12	12	180	547	21.53	124	4.88	310	12.20	320	12.59	52.2	115.08	T4	B
FT200-12	12	200	547	21.53	124	4.88	310	12.20	320	12.59	55.5	122.36	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: 2V/12V
- Capacity range: (C10) 33Ah-3000Ah
- Designed floating life:(12V) 12 years(25℃)
(2V) 18 years(25℃)
- Low self-discharge rate:≤2%/month(25℃)
- Deep/shallow discharge cycle application
- Number of cycles(25℃):
30% DOD: 2300 cycles(12V)
2800 cycles(2V)
50% DOD: 1200 cycles(12V)
1500 cycles(2V)
80% DOD: 600 cycles(12V)
800 cycles(2V)
- Operation temperature range: -40~65℃

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	195	7.68	130	5.12	155	6.10	168	6.61	10.15	22.4	T2	A
GE40-12	12	40	196	7.72	165	6.50	173	6.81	173	6.81	13.45	29.7	T2	B
GE50-12	12	50	230	9.06	138	5.43	210	8.27	215	8.46	15.3	33.7	T2	A
GE65-12	12	65	347	13.66	168	6.61	168	6.61	176	6.93	19.1	42.1	T3	B
GE70-12	12	70	260	10.24	169	6.65	210	8.27	214	8.43	20.5	45.2	T3	A
GE80-12	12	80	260	10.24	169	6.65	210	8.27	214	8.43	22	48.5	T3	A
GE90-12	12	90	306	12.05	168	6.61	209	8.23	212	8.35	25	55.1	T4	A
GE100-12	12	100	329	12.95	172	6.77	218	8.58	225	8.86	29.7	65.5	T4	A
GE120-12	12	120	406	15.98	174	6.85	215	8.46	233	9.17	33.5	73.9	T4	A
GE150-12	12	150	484	19.06	170	6.69	242	9.53	247	9.72	43.3	95.5	T5	A
GE200-12	12	200	522	20.55	240	9.45	221	8.70	226	8.90	57	125.7	T5	C
GE250-12	12	250	522	20.55	268	10.55	220	8.66	225	8.86	64	141.1	T5	C

GE100-2	2	100	171	6.73	72	2.83	205	8.07	210	8.27	5.5	12.13	T5	G
GE150-2	2	150	171	6.73	102	4.02	206	8.11	221	8.70	7.4	16.31	T5	G
GE200-2	2	200	173	6.81	111	4.37	329	12.95	365	14.37	11.8	226.0	T5	G
GE300-2	2	300	171	6.73	151	5.94	330	12.99	366	14.41	16.3	35.9	T5	G
GE400-2	2	400	211	8.31	176	6.93	329	12.95	367	14.45	22.9	50.5	T5	G
GE500-2	2	500	241	9.49	172	6.77	330	12.99	364	14.33	26.8	59.1	T5	G
GE600-2	2	600	301	11.85	175	6.89	331	13.03	366	14.41	32.7	72.1	T5	G
GE800-2	2	800	401	15.79	176	6.93	330	12.99	365	14.37	46.9	103.4	T5	H
GE1000-2	2	1000	475	18.70	175	6.89	328	12.91	365	14.37	55	121.3	T5	H
GE1500-2	2	1500	400	15.75	350	13.78	345	13.58	382	15.04	85	187.39	T5	H
GE2000-2	2	2000	490	19.29	350	13.78	345	13.58	382	15.04	106	233.7	T5	I
GE3000-2	2	3000	710	27.95	350	13.78	345	13.58	382	15.04	152	335	T5	J



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
- Capacity range: (C10) 100Ah-3000Ah(25 °C)
- Self-discharge rate: $\leq 3\%$ /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
OPzV100-2	2	100	103	4.06	206	8.11	355	13.98	390	15.35	13.5	29.8	T5
OPzV150-2	2	150	103	4.06	206	8.11	355	13.98	390	15.35	16	35.3	T5
OPzV200-2	2	200	103	4.06	206	8.11	355	13.98	390	15.35	18	39.6	T5
OPzV250-2	2	250	124	4.88	206	8.11	355	13.98	390	15.35	22	48.5	T5
OPzV300-2	2	300	145	5.71	206	8.11	355	13.98	390	15.35	26	57.3	T5
OPzV350-2	2	350	124	4.88	206	8.11	471	18.54	506	19.92	28	61.7	T5
OPzV420-2	2	420	145	5.71	206	8.11	471	18.54	506	19.92	33	72.8	T5
OPzV490-2	2	490	166	6.54	206	8.11	471	18.54	506	19.92	38	83.8	T5
OPzV600-2	2	600	145	5.71	206	8.11	646	25.43	681	26.81	44	97	T5
OPzV800-2	2	800	191	7.52	210	8.27	646	25.43	681	26.81	60	132.2	T5
OPzV1000-2	2	1000	233	9.17	210	8.27	646	25.43	681	26.81	73	160.9	T5
OPzV1200-2	2	1200	275	10.83	210	8.27	646	25.43	681	26.81	86	189.6	T5
OPzV1500-2	2	1500	275	10.83	210	8.27	796	31.34	831	32.72	106	233.7	T5
OPzV2000-2	2	2000	399	15.71	210	8.27	772	30.39	807	31.77	141	310.9	T5
OPzV2500-2	2	2500	487	19.17	212	8.35	772	30.39	807	31.77	178	392.4	T5
OPzV3000-2	2	3000	576	22.68	212	8.35	772	30.39	807	31.77	210	462.9	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		Termial Type
			Length		Width		Height		T.Height		(APPROX.)		(APPROX.)		
	(V)	(Ah)	mm	inch	mm	inch	(mm)	(inch)	mm	inch	kg	lbs	kg	lbs	
OPzS100-2	2	100	103	4.06	206	8.11	355	13.98	409	16.10	8.7	19.2	13.7	30.2	T5
OPzS150-2	2	150	103	4.06	206	8.11	355	13.98	409	16.10	10.6	23.4	15.1	33.3	T5
OPzS200-2	2	200	103	4.06	206	8.11	355	13.98	409	16.10	13	28.7	18	39.7	T5
OPzS250-2	2	250	124	4.88	206	8.11	355	13.98	409	16.10	15	33.1	21	46.3	T5
OPzS300-2	2	300	145	5.71	206	8.11	355	13.98	409	16.10	18	39.7	25	55.1	T5
OPzS350-2	2	350	124	4.88	206	8.11	470	18.50	525	20.67	20	44.1	28	61.7	T5
OPzS420-2	2	420	145	5.71	206	8.11	470	18.50	525	20.67	24	52.3	33	72.8	T5
OPzS490-2	2	490	166	6.54	206	8.11	470	18.50	525	20.67	27	59.5	38	83.8	T5
OPzS600-2	2	600	145	5.71	206	8.11	645	25.39	700	27.56	32	70.6	45	99.2	T5
OPzS800-2	2	800	191	7.52	210	8.27	645	25.39	700	27.56	44	97	59	130.1	T5
OPzS1000-2	2	1000	233	9.17	210	8.27	645	25.39	700	27.56	53	116.8	74	163.1	T5
OPzS1200-2	2	1200	275	10.83	210	8.27	645	25.39	700	27.56	62	136.7	87	191.8	T5
OPzS1500-2	2	1500	275	10.83	210	8.27	795	31.30	850	33.46	77	169.8	106	233.7	T5
OPzS2000-2	2	2000	399	15.71	210	8.27	771	30.35	826	32.52	104	229.3	148	326.3	T5
OPzS2500-2	2	2500	487	19.17	212	8.35	771	30.35	826	32.52	131	288.8	183	403.5	T5
OPzS3000-2	2	3000	576	22.68	212	8.35	771	30.35	826	32.52	154	339.5	216	476.2	T5



Start-Stop AGM Car Battery

AGM Start-Stop battery is kind of lead-acid battery which adopts advanced AGM(Absorbent Glass Mat) separator technology. It is widely used in mild hybrids vehicles with Start-Stop system.



WIDELY USED IN HIGH BRAND HIGH END VEHICLES

CORE TECHNOLOGY



ABSORBENT
GLASS MAT



REGENERATIVE
BRAKING



SUPERIOR
POWER



INTENSIVE
USE



4 X STANDARD
CYCLABILITY

Start-Stop AGM



GERMAN TECHNOLOGY

The AGM battery is designed with lean liquid. The electrolyte is mostly adsorbed on the AGM separator except a little part absorbed inside the plate. The tight assembly technology keeps the separator not completely occupied by the electrolyte, thus to increase the battery cycle life. Its cold start power is 40% higher compared to ordinary rich-liquid batteries, which is more suitable for the frequent start.



LONGLIFE CYCLE (4 x Standard Cyclability)

Advanced positive electrode formula in coordination with a reasonable curing process which sustainably improves cycle life.



FAST CHARGE

With a unique negative electrode formula, the battery has a strong charge acceptance, quick replenishment and a timely absorption of brake energy.



AGM SEPARATOR

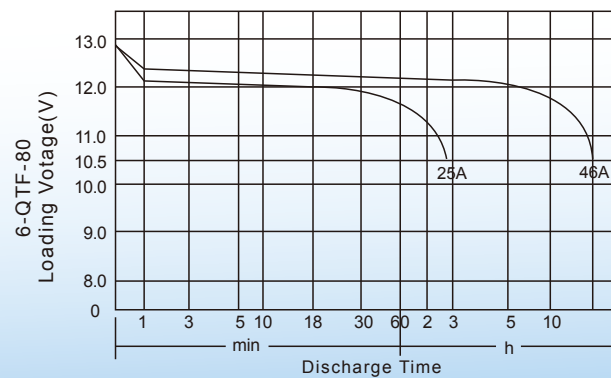
Superior internal fixations with Imported AGM separator of high liquid absorption, high rebound and anti-piercing. To ensure the electrolyte inside of the battery is no longer flow, so that battery can be tilted at any angle and environmentally friendly.



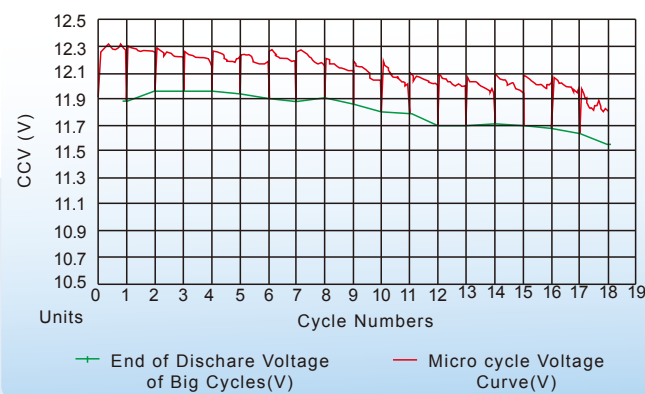
-40°C WORK RELIABLY

The overall rational design enables the battery to work reliably at -40 °C~70 °C, and the cycle life is increased by 3 times compared to conventional Start-Stop batteries.

Discharge Characteristics(25°C,77 F)



17.5% DOD Cycling Test



Type	Voltage (V)	Capacity (C20/Ah)	Reserve Capacity (min)	Cold start current CCA (A)	Internal resistance (mΩ)	Dimension (mm)			Terminal Structure	Weight (Kg) TTP welding
						length	width	height		
6-QTF-60	12	≥65	130	≥820	≤3.7	242	175	190	Car terminal	17.9
6-QTF-70	12	≥75	145	≥950	≤3.0	278	175	190	Car terminal	20.5
6-QTF-80	12	≥85	170	≥1000	≤2.9	315	175	190	Car terminal	23.5
6-QTF-92	12	≥100	200	≥1050	≤3.0	353	175	190	Car terminal	26.0
6-QTF-105	12	≥110	230	≥1100	≤3.0	394	175	190	Car terminal	28.5