



JYC BATTERY

HR SERIES

LEAD ACID BATTERY SOLUTION

CONTENTS

01 Products

02 Features

03 Applications

04 Specifications

01 Products

DATA CENTER UPS BATTERY SOLUTIONS

Requirements	Others	JYC BATTERY
Special Models	★ ★	★★★★★ 12V7Ah-250Ah
More Advantages	★ ★	★★★★★ CCDR, TTP Welding, etc.
Scene Applicability	★ ★ ★	★★★★★ ABS Flame-retardant Housing, -15 °C to 50 °C, etc.
Higher Performance	★ ★	★★★★★ Special Formula Design, Lower Internal Resistance, etc.
Customized Installation	★	★★★★★ Newly designed shell, compact size, enhanced vibration resistance, etc.



01 Products



JYC High Rate Series Battery

JYC HR (High Rate) Series VRLA Batteries are designed with low internal resistance AGM (Absorbent Glass Mat) technology, High performance plates and electrolyte to give extra power output for High rate UPS and power backup system. High rate series Batteries are the special design batteries with 6 years floating design life at 25°C, Meet with IEC,BS,JIS and Eurobat standard,UL(MH62092),CE approved.

02 Features

Non-spillable Construction

Engineered to be completely spill-proof, eliminating risks associated with liquid spills and enabling safe operation in various environments.

Safety Sealing

Ensures secure containment, preventing leakage and enhancing safety.

High Reliability Stability

Delivers consistent performance under diverse conditions, ensuring long - term dependability.

Long Life and Low Self-discharge

Maintaining optimal performance over an extended period with minimal energy loss when not in use.

30% Increased Power Output

Offers a 30% boost in power output during a 15 - minute backup scenario, providing enhanced emergency support and system resilience.

Sealed and Maintenance - free

Hermetically sealed design requires no regular upkeep saving time and costs.



02 Features - CCDR Technology



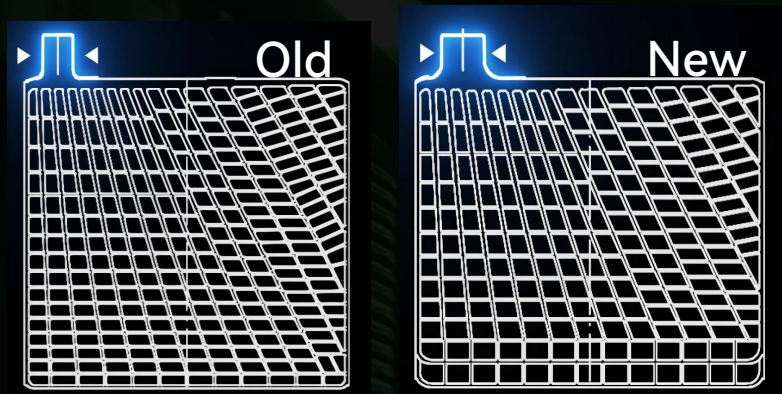
Charging Speed: With the 1C10 high-current fast charging technology (conventional AGM batteries only support 0.3C10).

Extra-long Storage: Maintenance-free storage at 20°C with a self-discharge rate of <2.5%/month (Industry standard: 3%/6 months).

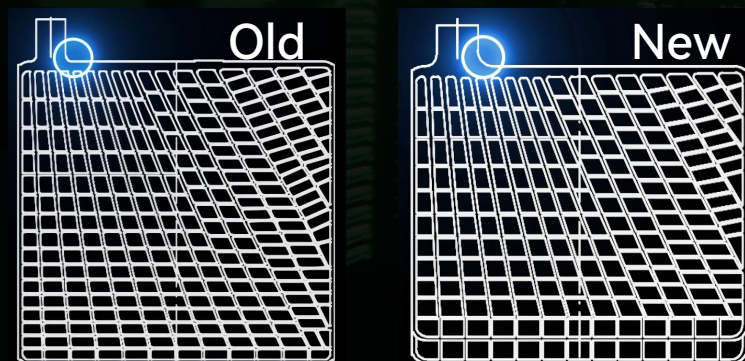
Cycle Life: It can reach 311 cycles of 100% deep discharge (while the traditional cast grid can only reach 200 cycles), leading the industry in durability.

Floating Charge Life: With CCDR & stamping expanded mesh grid tech and high-purity primary lead alloy, the designed lifespan is 50% longer than that of conventional AGM batteries (8-10 years).

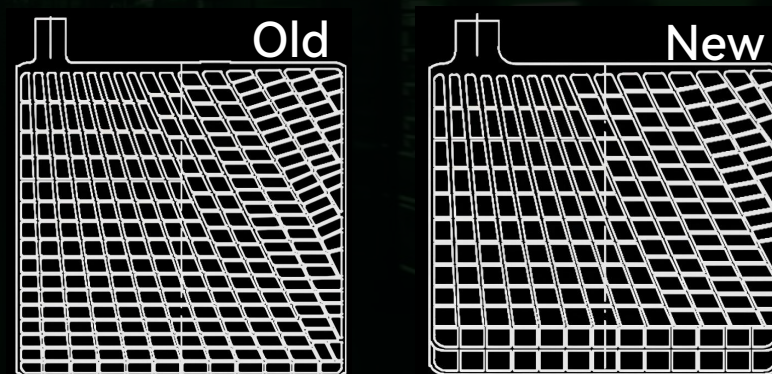
02 Features - CCDR Technology



Delivers Superior High-current Discharge Performance

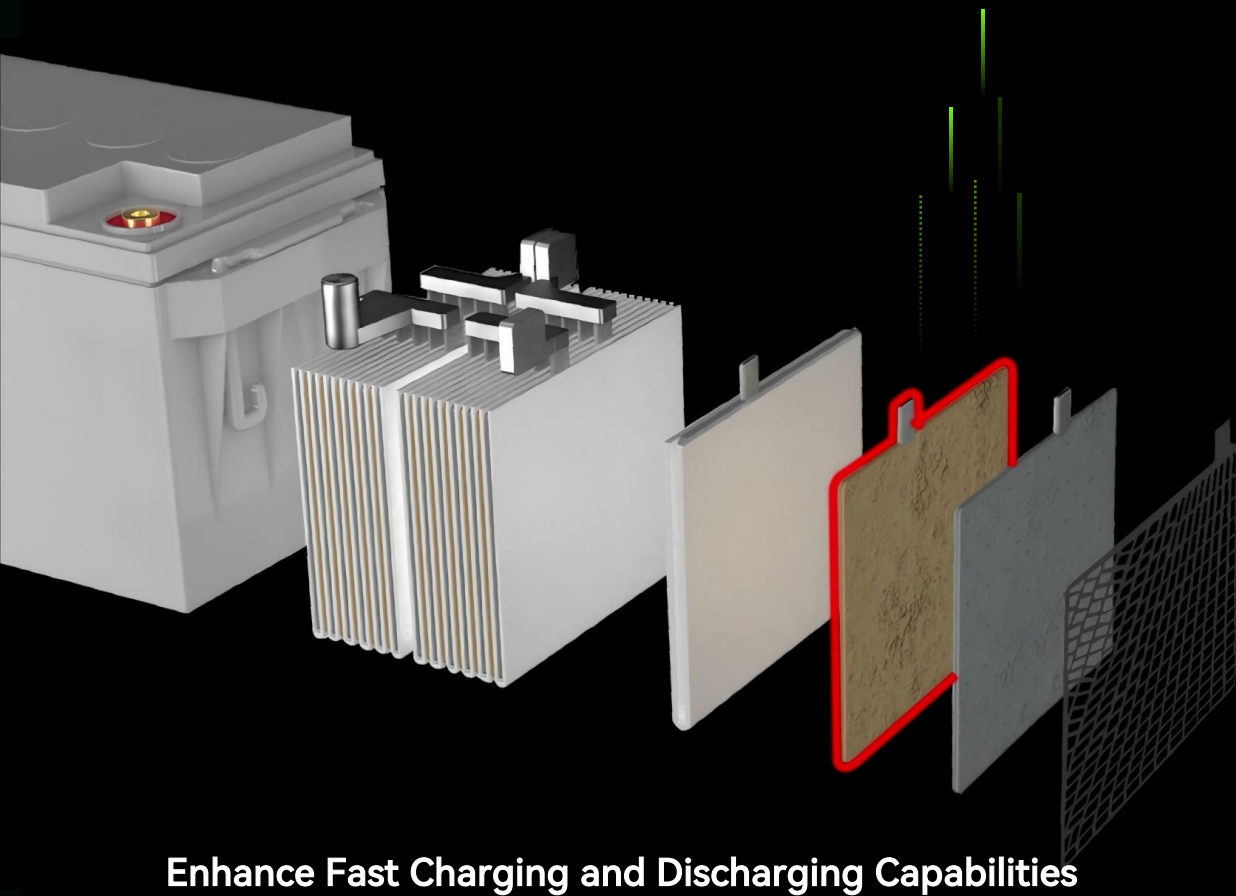


Enhances the Plate's Vibration Resistance



20% Increase in High-power Load Capacity

02 Features - CCDR Technology



Enhance Fast Charging and Discharging Capabilities

NEW
Utilizes New Pb-C
(Lead Carbon) Formula

02 Features - CCDR Technology

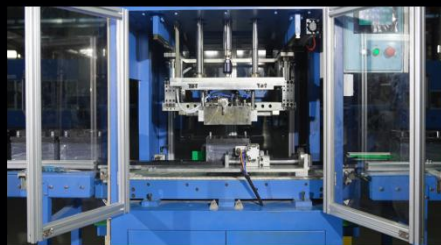
TTP Welding



TTP refers to "Through The Partition".

Red arrows represent current, which can flow through the wall directly with faster speed than traditional Bridge-Welding.

Heat Sealing



Which completes the whole sealing process in only 30 seconds. It'll also include sealing tests to ensure the integrity of our batteries, which makes battery sealing more stable, avoiding acid leakage that will influence battery performance in the long run.

Inner Formation



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

03 Applications



04 Specifications

Battery Case Model					Battery Specifications		Internal Resistance(mΩ/25℃)	Weight	
No.	Model	Dimensions(mm) L*W*H*T.H	Terminals		Name	Power/15min (W/cell)	Nominal Capacity (Ah/25℃)	Temperature factor: ≥80% capacity: 0.8%/℃ <80% capacity: 1.0%/℃	(kg) ±2.5%
			Name	Array					
1	12V7	151*65*94*100	F2	7	HR1228W	28	8.5/C20	20.20	2.26
2					HR1233W	33	9.0/C20	19.44	2.35
3					HR1235W	35	9.0/C20	17.06	2.45
4					HR1237W	37	9.0/C20	17.80	2.54
5					HR1234W	34	9.0/C20	19.44	2.28
6					HR1236W	36	9.0/C20	17.06	2.43
7					HR1238W	38	9.0/C20	17.28	2.50
8	12V12	152*99*95*100	F2	7	HR1255W	55	14/C20	12.42	3.65
9					HR1256W	56	14/C20	13.00	3.67
10	12V18	182*77*167*167	T1-Copper Core(Φ12*M5)	5	HR1285W	85	21/C20	9.10	5.71
11					HR1290W	90	21/C20	8.96	5.76
12	12V24	175*166*126*126	T1-2Copper Core(Φ12*M5)	5	HR12110W	110	28/C10	8.37	7.70
13	12V28	165*126*173*173	T2-Copper Core(Φ14*M6)	5	HR12112W	112	29/C10	8.86	8.40
14	12V33	196*130*155*170	T2-Copper Core(Φ14*M6)	4	HR12145W	145	36/C10	7.72	10.10
15	12V38	198*167*173*173	T2-Copper Core(Φ14*M6)	5	HR12165W	165	42/C10	7.50	12.50
16	12V55	230*139*210*215	T2-Copper Core(Φ14*M6)	4	HR12200W	200	60/C10	6.70	16.10
17					HR12220W	220	61/C10	5.36	17.50

04 Specifications

No.	Battery Case Model				Battery Specifications			Internal Resistance(mΩ/25°C)	Weight
	Model	Dimensions(mm) L*W*H*T.H	Terminals		Name	Power/15min (W/cell)	Nominal Capacity (Ah/25°C)	Temperature factor: ≥80% capacity: 0.8%/°C <80% capacity: 1.0%/°C	(kg) ±2.5%
			Name	Array					
18	12V65	348*168*177*177	T3-Copper CoreΦ16*M6)	5	HR12260W	260	73/C10	4.73	20.80
19					HR12275W	275	75/C10	4.62	21.25
20	12V70	260×169×213×219	T3-Copper CoreΦ16*M6)	4	HR12300W	300	80/C10	4.36	24.10
21	12V70C	260×169×212×216	T3-Copper Core(Φ16*M6)		HR12330W	330	85/C10	4.04	24.90
22	12V90	306×168×208×213	T4-Copper Core(Φ18*M8)	4	HR12360W	360	100/C10	4.83	27.10
23					HR12405W	405	105/C10	3.36	29.50
24	12V100	330*172*218*223	T4-Copper Core(Φ18*M8)	4	HR12400W	400	105/C10	3.15	30.30
25			T5-Copper Core(Φ20*M8)		HR12430W	430	110/C10	2.94	32.40
26	12V120	406*173*208*233	T4-Copper Core(Φ18*M8)	4	HR12460W	460	125/C10	3.00	36.20
27	12V134	341*173*281*286	T4-Copper Core(Φ18*M8)	4	HR12520W	520	145/C10	2.94	43.70
28	12V150	481*170*241*245	T5-Copper Core(Φ20*M8)	4	HR12560W	560	150/C10	2.63	44.00
29					HR12600W	600	160/C10	2.68	46.00
30	12V200	522*240*221*226	T5-Copper Core(Φ20*M8)	6	HR12700W	700	200/C10	2.26	57.70
31					HR12730W	730	205/C10	2.10	59.90
32					HR12760W	760	210/C10	2.05	60.90
33					HR12800W	800	215/C10	1.90	63.50
34	12V250	522*268*220*225	T5-Copper Core(Φ20*M8)	6	HR12870W	870	260/C10	1.94	74.20

THANK YOU

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