

GFMJ-800

8 OPzV 800

Jiangsu Shuangdeng group Co.,Ltd

Application:

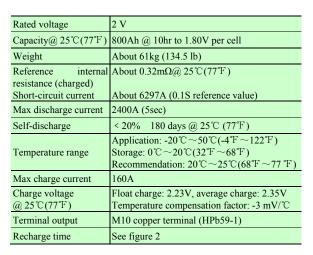
- Solar energy, wind energy
- Electric power, nuclear power
- Communication
- Ship, maritime affairs
- UPS, medical facilities and emergency lighting
- Situation with high environmental protection and energy-saving

Features of performance application

- Designed service life of 20 years
- High cycle service life
- Better temperature resistance performance
- Superior low current discharge performance
- Stronger constant power discharge capability
- Better charge acceptability
- Better safety performance and reliability
- Modular and personified installation design
- ♣ High Performance/price ratio and low yearly operating cost
- ♣ Eco-friendly, cycle application

Structure features of chinashoto GFMJ series VRLA gel battery:

- Electrolyte: primary material adopts Germany gas silicon dioxide, the material will be the thin collosol state when it's injected initially, and it can fill the whole plate space of battery, and each part of plate can react evenly. The flooded electrolyte design can avoid dry up of battery when it's in high temperature and over charged, the thermal capacity is big and heat-elimination is fine, accordingly, thermal runaway can be avoided. The electrolyte is in the gel state in finished battery without flowing, accordingly, leakage and lamination can be avoided.
- Plate: positive plate adopts tubular type plate which can effectively prevent active substance falling, the positive plate frame is molded with multi-component alloy, the crystal particle of alloy structure is tiny and dense, the corrosion-resisting performance is fine and service life is long. Negative plate adopts pasted plate, the grid adopts radiated structure which enhances utilization ratio of active substance and discharge capability of strong current, and the charge reception capability is strong.
- Battery case: it's made of ABS material, corrosion prevention is fine, strength is high, and appearance is beautiful, it can be sealed with lid reliably which can prevent potential leakage risk.
- Separator: adopt special micro-pore PVC-SiO2 separator from Europe AMER-SIL Company, the porosity of separator is big and resistance is low. It has bigger electrolyte storage space.
- Terminal sealing: the built-in copper core lead-base terminal post has stronger current carrying capacity and corrosion resistance. The unique double sealing structure of terminal post can effectively avoid leakage, to guarantee reliability of terminal post sealing.
- Safety valve: adopt Germany technology, constant opening and closing valve, high reliability, the accumulator case expansion, damage and electrolyte dry up can be avoided.
 Discharge current at different final voltages and different discharge rates.







Execution standard:

IEC60896-21/22 DIN40742 BS EN 61427-2002

YD/T 1360-2005

Q/321284KCC 03-2006

Authentication and certificate:

Certificate of Qualification on Perfecting

Measurement & Measuring System

GB/T19022-2003

ISO10012:2003、IDT

Quality Management System Authentication

TO THE OCCUPANT

GB/T19001-2000

NO.03006Q10002R0M-2

Environmental Management System

Authentication

ISO 14001:2004

NO.010607E2024R1M-2

Occupational Health Management

System Authentication

GB/T28001-2001

NO.010607S10147R0M-2

Product authentication:

YD/T1360-2005

NO.030074640567R1M

CE authentication

EN 61000-6-3:2001+A11:2004

EN 61000-6-1:2001

National Industrial Product Production

License

XK06-044-00012

Product Quality Test Free Certificate (2006)GM(321630488)

Export product quality license

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	5min	10min	15min	30min	45min	1hr	1.5hr	2hr	3hr	4hr	5hr	8 hr	10 hr	20hr	100 hr	120hr
1.90V	684	599	404	392	376	312	248	220	172	144	124	86	72	37.08	9.67	8.20
1.85V	721	630	470	440	399	344	272	236	183	152	130	90	75	40.78	10.18	8.64
1.80V	773	762	649	560	448	416	344	266	200	164	139	96	82	42.81	10.53	8.94
1.75V	804	778	744	624	497	448	358	278	208	168	141	98	83	44.52	10.79	9.16

unit: A (25°C 77°F)

Discharge power at different final voltages and different discharge rates unit: W (25°C, 77°F) 30min 5min 15min 45min 1hr 1.5hr 5hr 8 hr 10 hr 20hr 100 hr 120hr 10 min1.90V 1296 1123 329 740 654 616 578 489 400 278 239 174 150 79.16 19.34 16.40 1.85V 1340 1170 739 675 85.74 17.11 852 611 531 451 368 308 265 190 164 20.16 1.80V 1421 1402 1028 911 832 753 651 549 437 358 304 213 182 93.91 20.64 17.52 1.75V 1470 1422 1185 1030 942 853 724 595 380 317 217 184 95.92 20.82 17.68



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