

GS 12-7

12V7.0AH/20HR

Ebe Battery

Stay Powerful

Ebe

► Technology:

- ✓ Valve Regulated Lead Acid Battery / VRLA
- ✓ Sealed Maintenance Free / SMF
- ✓ AGM technology
- ✓ Complied with IEC60896-21/22 or IEC61056-1/2

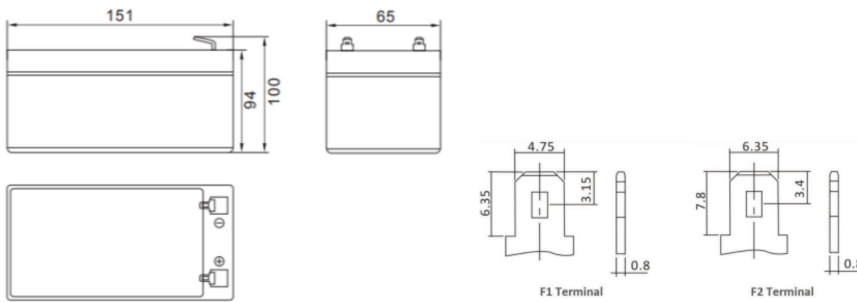
► Main Features:

- ◆ Innovated technology of battery plate formula designed for Deep Discharge.
- ◆ Outstanding re-charge acceptability after deep discharged.
- ◆ Extreme low self-discharge, low internal resistance and low internal pressure.
- ◆ Long Life - Assembly using thicker plate with special chemical formation.

► Main Application:

- Commercial UPS and critical power backup
- Telecom & Towers power assurance
- Medical power assurance
- Fire & Emergency & Lighting system
- Security & Alarm system
- Solar power products
- Deep cycle discharge
- Industrial battery & power reserve
- All general purpose

Ebe Battery | GS Series batteries have been developed and upgraded over decades manufacturing to meet various general purpose for commercial applications. ① Adopted with latest and most advanced AGM technology for assembly. ② Compact size and sealed maintenance-free design, support to flexible installation and portable handling. ③ Available for many civil applications, lamp and lantern, electric toys, power tools, civil or commercial UPS systems, emergency lights, security facilities, etc. ④ High capacity ideally support to commercial UPS systems and critical power system.



Model	GS 12-7		IR (Max.)	Dimensions (mm ±2)				Weight	Terminal	
Voltage (V)	Nominal Capacity (25°C)		mΩ (25°C)	Length	Width	Height	Total Height	Kgs ±5%	F1	F2
12	7Ah	20Hr (10.8V)	28	151	65	94	98	2.05	Faston 187	Faston 254

Capacity Range (25°C)	10Hr (10.5V)	5Hr (10.5V)	3Hr (9.60V)	1Hr (9.60V)	Designed Life (25°C)	Electrolyte	Case	Sealing	Sealing
	6.51Ah	5.99Ah	5.32Ah	17.78Ah	5 Years (Float charging)	Sulfuric Acid	ABS plastic	Epoxy Glue	Epoxy Glue

Max. Current (A)		Charge Voltage @25°C		Self-discharge	Capacity Effected by Temp. @20Hr			
Charge	Discharge	Float use	13.5-13.8V (-18mV/°C)	per month @25°C	40°C	25°C	0°C	-15°C
2.1A	84A (5s)	Cycle use	14.4-14.7V (-30mV/°C)	3%	102%	100%	85%	65%

● Constant-Current (A) Discharge / CCD @25°C

End V./VPC	5min	10min	15min	30min	60min/1h	2h	3h	5h	10h	20h
9.60 / 1.60	26.8	16.9	13.40	7.47	4.58	2.50	1.80	1.22	0.67	0.36
9.90 / 1.65	26.0	16.4	13.10	7.32	4.51	2.49	1.79	1.22	0.66	0.36
10.2 / 1.70	24.9	15.7	12.60	7.10	4.40	2.47	1.77	1.21	0.66	0.35
10.5 / 1.75	23.8	15.1	12.20	6.93	4.31	2.43	1.76	1.20	0.66	0.35
10.8 / 1.80	22.5	14.2	11.50	6.67	4.18	2.37	1.71	1.16	0.64	0.35

● Constant-Power (Watt) Discharge / CPD @25°C

End V./VPC	5min	10min	15min	30min	60min/1h	2h	3h	5h	10h	20h
9.60 / 1.60	299	191	153.00	85.60	53.10	29.30	21.40	14.60	7.99	4.29
9.90 / 1.65	290	185	149.00	83.90	52.30	29.10	21.20	14.50	7.95	4.28
10.2 / 1.70	278	177	144.00	81.40	50.90	28.90	21.10	14.40	7.92	4.26
10.5 / 1.75	266	170	139.00	79.40	49.90	28.40	20.90	14.30	7.87	4.23
10.8 / 1.80	251	160	131.00	76.50	48.40	27.70	20.30	13.90	7.71	4.15

- Subject to revisions, the above data might be changed without prior notice, GEM BATTERY reserves the right to explain and update related information.
- Flame Retardant UL94 V-0 optional available for battery case on request.

- The trade mark GEM BATTERY is registering in China, if any trade mark infringement, please contact us.
- To follow the latest information, please contact our sales representative.

GRAND ENERGY MANUFACTURING CO LIMITED
ISO9001 / ISO14001 / ISO45001 / UL / CE / RoHS

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