

GS 12-6HR

12V6AH/20HR

Ebe Battery

Powered & Powerful !

Ebe

► **Technology:**

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

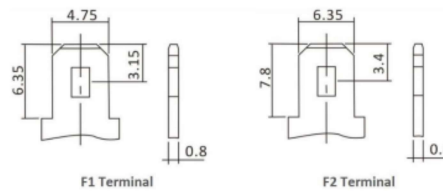
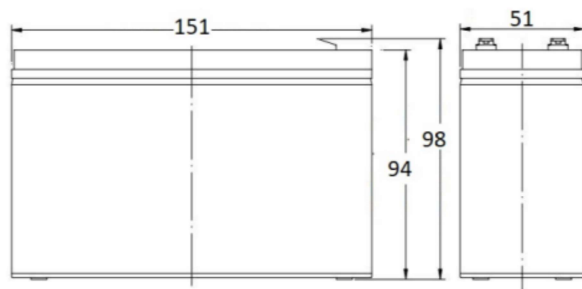
► **Main Features:**

- ◆ 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 12-6		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	6Ah	20Hr (10.8V)	24	151	51	94	98	1.82	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
	5.58Ah	5.13Ah	4.56Ah	3.81Ah	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	
1.8A	72A (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	22.47	15.59	12.65	7.68	4.40	2.36	1.95	1.29	0.66	0.34
9.90 / 1.65	21.27	14.77	11.98	7.27	4.17	2.24	1.85	1.22	0.62	0.32
10.2 / 1.70	20.48	14.21	11.53	7.00	4.01	2.15	1.78	1.17	0.60	0.31
10.5 / 1.75	19.88	13.8	11.19	6.79	3.89	2.09	1.73	1.14	0.58	0.30
10.8 / 1.80	19.51	13.55	10.99	6.67	3.82	2.05	1.69	1.12	0.57	0.29

● **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	44.39	30.81	25.00	15.17	8.69	4.67	3.85	2.55	1.30	0.67
9.90 / 1.65	41.48	28.79	23.36	14.18	8.12	4.36	3.60	2.38	1.21	0.63
10.2 / 1.70	39.93	27.72	22.48	13.65	7.82	4.20	3.46	2.29	1.17	0.60
10.5 / 1.75	38.77	26.91	21.83	13.25	7.59	4.07	3.36	2.22	1.13	0.59
10.8 / 1.80	38.05	26.41	21.43	13.00	7.45	4.00	3.30	2.18	1.11	0.57

- 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

Ebe

www.gembattery.com