

GS 6-12

6V12AH/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:

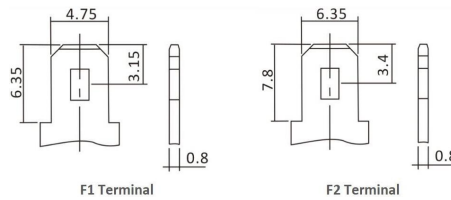
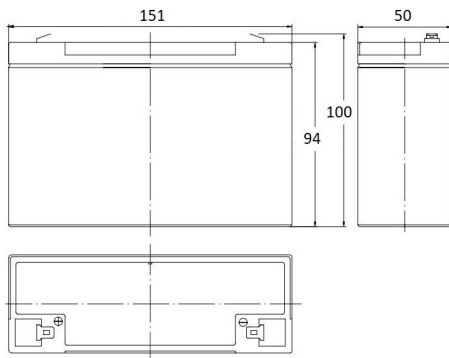
- ◆ Innovated technology of battery plate formula designed for Deep Discharge.
- ◆ Outstanding re-charge acceptability after deep discharged.
- ◆ Extreme low self-discharge, low internal resistance and low internal pressure.
- ◆ Long Life - Assembly using thicker plate with special chemical formation.

► 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 6-12		IR	Dimensions (mm ±2)				Weight	Terminal	
Voltage (V)	Nominal Capacity (25°C)		mΩ (25°C)	Length	Width	Height	Total Height	Kgs ±5%	F1	F2
6	12Ah	20Hr (5.40V)	12	151	50	94	100	1.65	Faston 187	Faston 254

Capacity Range (25°C)	10Hr (5.25V)	5Hr (5.25V)	3Hr (3.20V)	1Hr (4.80V)	Designed Life (25°C)	Separator	Electrolyte	Case	Sealing
	11.16Ah	10.2Ah	9Ah	7.8Ah	5 Years (Float charging)	AGM	Sulfuric Acid	ABS plastic	Epoxy Glue

Max. Current (A)		Charge Voltage (25°C)		Self-discharge	Capacity Effected by Temp. @20Hr				
Charge	Discharge	Float use	6.75-6.90V (-9mV/°C)	per month (25°C)	40°C	25°C	0°C	-15°C	
3.6A	144A (5s)	Cycle use	7.20-7.35V (-15mV/°C)	3%	102%	100%	85%	65%	

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

End V./VPC	10min	15min	30min	60min/1h	2h	3h	5h	8h	10h	20h
4.80 / 1.60	28.8	22.8	12.70	7.80	4.26	3.06	2.08	1.35	1.13	0.61
4.95 / 1.65	27.9	22.3	12.50	7.68	4.24	3.04	2.07	1.34	1.13	0.61
5.10 / 1.70	26.8	21.4	12.10	7.49	4.20	3.02	2.05	1.33	1.12	0.60
5.25 / 1.75	25.6	20.7	11.80	7.34	4.14	3.00	2.04	1.32	1.12	0.60
5.40 / 1.80	24.2	19.6	11.40	7.11	4.03	2.91	1.98	1.28	1.09	0.59

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

End V./VPC	10min	15min	30min	60min/1h	2h	3h	5h	8h	10h	20h
4.80 / 1.60	162	130	72.90	45.20	24.90	18.20	12.40	8.08	6.80	3.65
4.95 / 1.65	158	127	71.40	44.50	24.80	18.10	12.30	8.03	6.77	3.64
5.10 / 1.70	151	122	69.20	43.40	24.60	17.90	12.30	7.98	6.74	3.62
5.25 / 1.75	145	118	67.60	42.50	24.20	17.80	12.20	7.92	6.70	3.60
5.40 / 1.80	136	112	65.10	41.20	23.60	17.30	11.80	7.68	6.56	3.53

- 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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