

GS 6-7

6V7AH/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

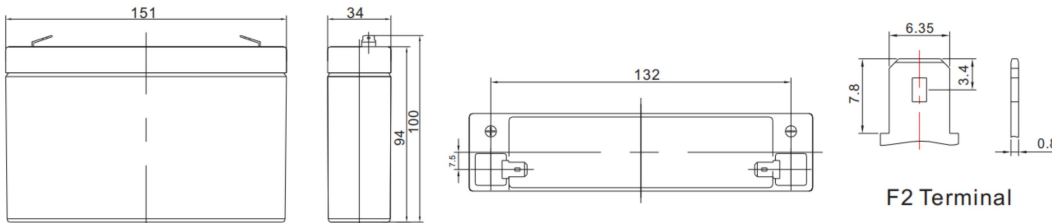
Main Features:

- ◆ 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 6-7		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	7Ah	20Hr (5.40V)	18	151	34	94	100	1.03	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
	6.51Ah	5.95Ah	5.25Ah	4.55Ah	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	
2.1A	84A (5s)	Cycle use	7.20-7.35V (-15mV/°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
4.80 / 1.60	26.8	16.9	13.40	7.47	4.58	2.50	1.80	1.22	0.67	0.36
4.95 / 1.65	26	16.4	13.10	7.32	4.51	2.49	1.79	1.22	0.66	0.36
5.10 / 1.70	24.9	15.7	12.60	7.10	4.40	2.47	1.77	1.21	0.66	0.35
5.25 / 1.75	23.8	15.1	12.20	6.93	4.31	2.43	1.76	1.20	0.66	0.35
5.40 / 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
4.80 / 1.60	149	95.4	76.40	42.80	26.50	14.70	10.68	7.30	3.99	2.15
4.95 / 1.65	145	92.6	74.50	42.00	26.10	14.60	10.62	7.26	3.98	2.14
5.10 / 1.70	139	88.7	71.80	40.70	25.50	14.40	10.54	7.21	3.96	2.13
5.25 / 1.75	133	84.9	69.30	39.70	25.00	14.20	10.47	7.16	3.93	2.12
5.40 / 1.80	126	80.2	65.70	38.20	24.20	13.90	10.16	6.94	3.86	2.07

- 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