

# GS 6-3.5

6V3.5AH/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

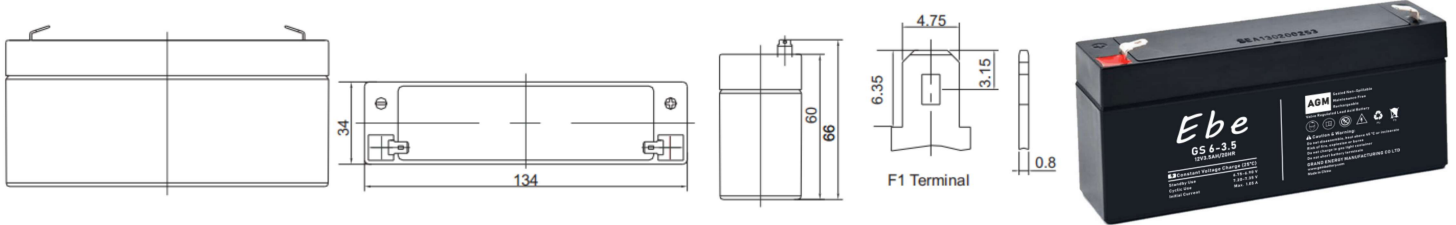
### ▶ Main Features:

- ◆ 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 6-3.5		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	3.5Ah	20Hr (5.40V)	25	134	35	61	67	0.80	Faston 187	N/A

Capacity Range (25°C)	10Hr (5.25V)	5Hr (5.25V)	3Hr (3.20V)	1Hr (4.80V)	Designed Life (25°C)	Separator	Electrolyte	Case	Sealing
	3.26Ah	2.98Ah	2.63Ah	2.1Ah	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	
1.05A	35A (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	12.5	7.92	6.27	3.50	2.15	1.17	0.84	0.57	0.31	0.18
4.95 / 1.65	12.2	7.68	6.12	3.43	2.11	1.17	0.84	0.57	0.31	0.18
5.10 / 1.70	11.7	7.37	5.89	3.32	2.06	1.16	0.83	0.56	0.31	0.18
5.25 / 1.75	11.2	7.05	5.69	3.24	2.02	1.14	0.83	0.56	0.31	0.17
5.40 / 1.80	10.5	6.65	5.39	3.12	1.96	1.11	0.80	0.54	0.30	0.17

### ● 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	70	44.7	35.70	20.00	12.40	6.86	5.00	3.42	1.93	1.04
4.95 / 1.65	67.9	43.3	34.90	19.60	12.20	6.82	4.97	3.40	1.92	1.03
5.10 / 1.70	65.1	41.5	33.60	19.00	11.90	6.76	4.93	3.37	1.91	1.03
5.25 / 1.75	62.3	39.8	32.50	18.60	11.70	6.66	4.90	3.35	1.90	1.02
5.40 / 1.80	58.8	37.5	30.70	17.90	11.30	6.49	4.75	3.25	1.86	1.00

- 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