

SEALED LEAD ACID

SP & GFM SERIES



SP & GFM Series battery incorporate advanced VRLA technology designed for general purpose with 5 years (SP) and 10 years (GFM) design life at 25°C

APPLICABLE FIELDS

- All purpose
- Uninterrupted power supply (UPS)
- Emergency back power supply
- Electric Power Systems (EPS)
- Standby power supply
- Alarm and security system
- DC power supply
- Telecommunication
- Network Communication



LP FEATURES

- Valve Regulated Lead Acid (VRLA) battery
- Absorbent Glass Mat (AGM) separators technology for high efficiency, gas absorption of up to 98%
- Using oxygen recombination technology: maintenance-free (no topping up)
- High quality AGM separator: extend cycle life and prevent micro short circuit
- ABS material: increase the strength of battery container. (Flame-retardant ABS is optional)
- High purity raw material: ensure low self-discharge rate
- Vent Valve – allows the release of excess gasses & prevents case rupture
- Design according with IEC 60896-21/22, JIS C8704-2, GB/T 19638.2

TECHNICAL SPECIFICATIONS

- Nominal voltage 12V
- Float voltage charge at 25°C: 13.5 ~ 13.8V
- Boost charge/cyclic use: 14.4 ~ 15.0V
- Maximum charge current: 0.25 at C20 A
- Self-discharge at 20°C < 2% per month

Marstech Systems Pte Ltd

SEALED LEAD ACID

SB & GFM SERIES



SP & GFM RANGES

12V Series VRLA Battery Specification and Dimensions:

BATTERY TYPE	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (Ah)	APPROX DIMENSIONS (mm)			WEIGHT (Kg)	TERMINAL TYPE
			L	W	TH		
12 SP 7	12	7	151	65	100	2.1	T1/T2
12 SP 9	12	9	151	65	100	2.5	T1/T2
12 SP 12	12	12	151	98	101	3.6	T1/T2
12 SP 18	12	18	182	77	168	5.3	T3
12 SP 28	12	28	167	175	125	8.4	T3/T12
12 SP 33	12	33	195	130	180	10.5	T5/T12
12 SP 40	12	40	197	165	170	12.2	T6/T12
6GFM-65L	12	65	348	167	178	19.2	T6
6GFM-70L	12	70	348	167	178	21.6	T6
6GFM-75L	12	75	259	168	214	21.0	T6/T14
6GFM-80L	12	80	259	168	214	22.6	T6
6GFM-90L	12	90	330	173	220	28.0	T11
6GFM-100L	12	100	330	173	220	30.0	T11
6GFM-120L	12	120	410	177	225	35.0	T11
6GFM-150L	12	150	485	170	240	42.5	T11
6GFM-200L	12	200	522	240	224	61.0	T11

Note: dimensions may have a tolerance of +/- 2mm

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