

Model: 6-FM-26

GP SERIES

General Series

General Series Valve Regulated Lead Acid batteries are designed with AGM (Absorbent Glass Mat) technology, high performance plates and electrolyte to gain extra power output for common power backup system applications widely used in the field of UPS, Emergency Lighting System.

Application

- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

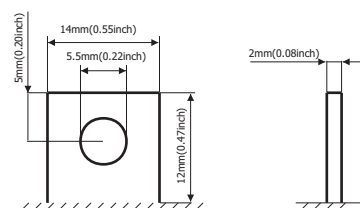


General Features

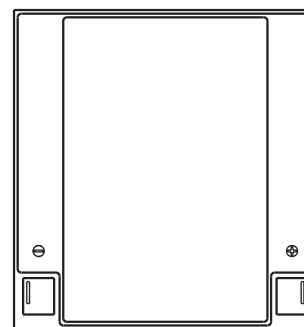
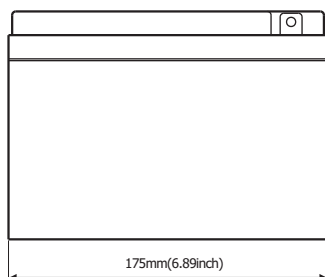
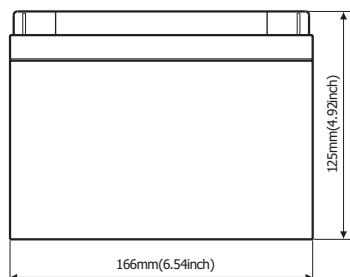
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexibility design for multiple install positions.

Construction

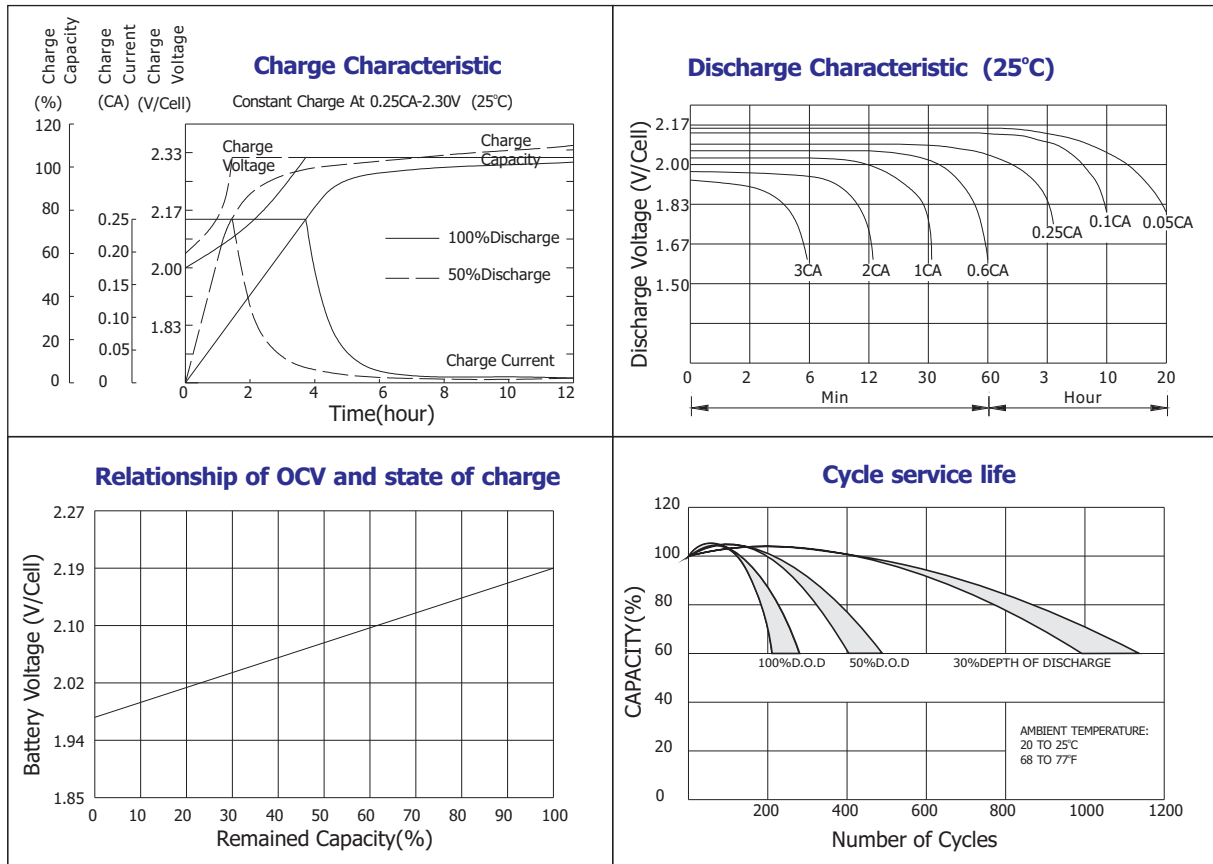
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



Terminal Dimensions



Battery Model	6-FM-26			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(1.38A,1.80V)	10HR(2.60A,1.80V)	5HR(4.49A,1.75V)	1HR(15.2A,1.60V)
	27.6AH	26.0AH	22.5AH	15.2AH
Dimensions	Length	Width	Height	Total Height
	175mm(6.89inch)	166mm(6.54inch)	125mm(4.92inch)	125mm(4.92inch)
Approx. Weight	8Kg (17.6 lbs)			
Internal Resistance	Full charged at 25°C: 0.01 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-14.8V(-30mV/ °C), max. Current:7.8A		13.6-13.8V(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	91.0	62.4	45.5	27.3	15.8	7.10	4.56	2.76	1.44
1.67V	81.9	56.9	44.2	26.5	15.8	7.07	4.53	2.72	1.43
1.70V	77.7	54.9	42.6	26.0	15.7	7.07	4.53	2.69	1.43
1.75V	69.2	50.7	40.3	25.5	15.5	7.02	4.49	2.65	1.43
1.80V	62.4	47.1	38.5	24.7	15.4	6.99	4.45	2.60	1.38
1.85V	47.3	38.7	33.3	22.7	15.2	6.97	4.42	2.56	1.29

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	150	103	80.6	51.5	33.8	13.6	9.49	5.51	2.88
1.67V	142	102	79.8	50.4	32.7	13.6	9.49	5.43	2.87
1.70V	133	100	78.5	49.1	31.8	13.6	9.49	5.39	2.87
1.75V	124	93.1	73.8	47.8	31.5	13.4	9.39	5.30	2.85
1.80V	111	86.6	69.4	46.5	31.0	13.2	9.23	5.20	2.75
1.85V	88.9	71.8	60.6	42.6	30.7	13.2	9.10	5.11	2.59

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