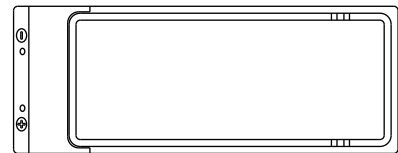
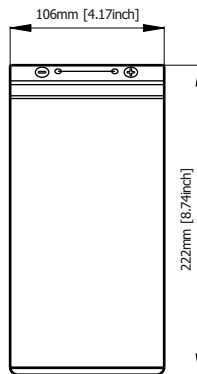
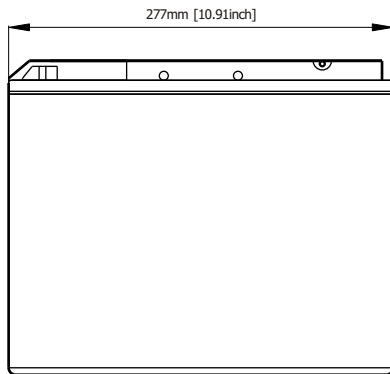


Terminal Dimensions



FA Series

GASTON FA(Front Access Type) Series battery is mainly used in the area of communication, which features on new technology in design, reasonable in structure and occupying the leading position in the same industry of the world. The estimated life of Stand Power telecom series batteries under float service is up to 15 years. It can be employed in numerous applications in the fields of telecommunications.

Application

- Telecom
- Control Equipment
- UPS
- Communication Equipment
- Medical Equipment

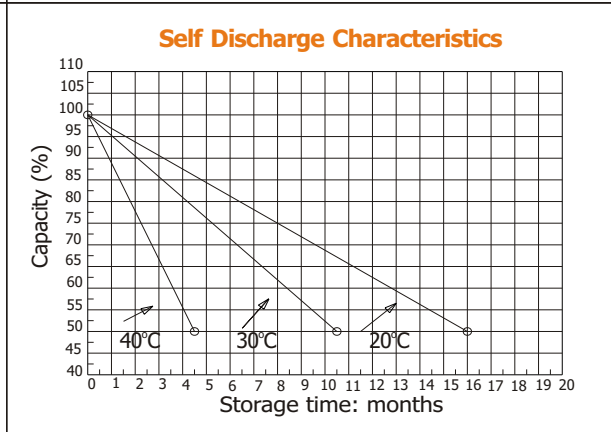
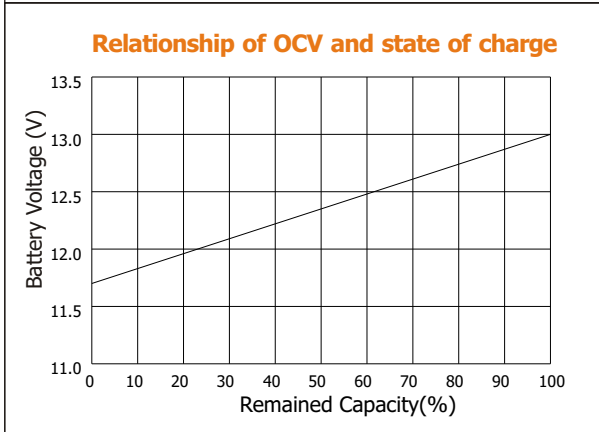
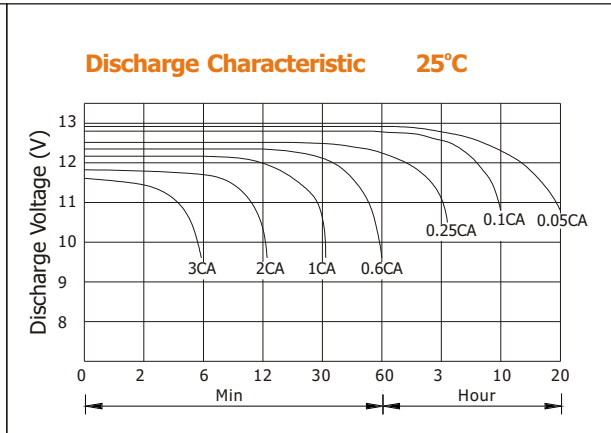
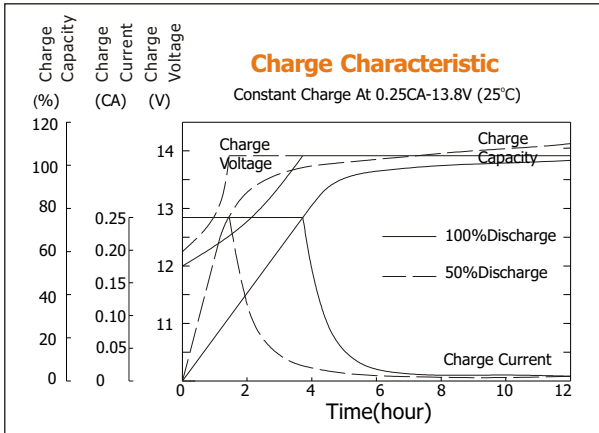
General Features

- 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

Battery Model	GT 12-50FA			
Designed Floating Life	12 Years			
Capacity(25°C)	20HR(2.6A,1.80V)	10HR(5A,1.80V)	5HR(8.5A,1.75V)	1HR(33.5A,1.60V)
	52AH	50AH	42.5AH	33.5AH
Dimensions	Length	Width	Height	Total Height
	277mm(10.91inch)	106mm(4.17inch)	222mm(8.74inch)	222mm(8.74inch)
Approx. Weight	16.5Kg (36.4 lbs)			
Internal Resistance	Full charged at 25°C :0.008 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: 12.5A		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	175	120	87.5	52.5	33.0	13.7	9.54	5.30	2.64
1.67V	158	110	85.0	51.0	33.0	13.6	9.46	5.22	2.63
1.70V	150	106	82.0	50.0	32.9	13.6	9.46	5.18	2.63
1.75V	133	97.5	77.5	49.0	32.5	13.5	9.38	5.09	2.61
1.80V	120	90.5	74.0	47.5	32.1	13.5	9.31	5.00	2.52
1.85V	91.0	74.5	64.0	43.7	31.8	13.4	9.23	4.92	2.37

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	289	199	155	99.0	65.0	26.2	18.3	10.6	5.27
1.67V	274	197	154	97.0	62.9	26.2	18.3	10.4	5.25
1.70V	256	192	151	94.5	61.2	26.2	18.3	10.4	5.25
1.75V	238	179	142	92.0	60.7	25.8	18.1	10.2	5.23
1.80V	214	167	134	89.5	59.6	25.5	17.8	10.0	5.04
1.85V	171	138	117	82.0	59.1	25.4	17.5	9.8	4.74