

**Front Access SLA Battery**

**FA Series**

FA (Front access)Series batteries are designed to be 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 FA Series batteries under float service is up to 12 years. It can be employed in numerous application in the fields of telecommunications.

**Application**

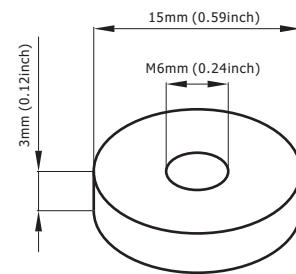
- Telecom
- Control Equipment
- UPS
- Communication Equipment
- Medical Equipment
- Emergency Power System

**General Features**

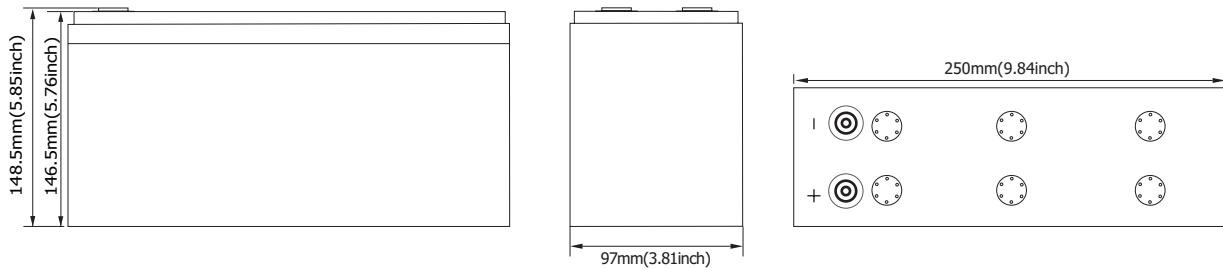
- Easy maintenance and installation
- No need for extra (wrench space) above battery
- Sealed and maintenance free operation
- Non-Spillable construction design
- ABS containers and covers(UL94HB, UL94V-0) optional
- Safety valve installation for explosion proof
- Maximized energy density for installation in relay rack trays
- High quality and high reliability
- Exceptional deep discharge recovery performance
- Flexibility design for multiple install positions

**Construction**

- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy Resin
- Safety valve .....EPDR
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte .....Sulfuric acid

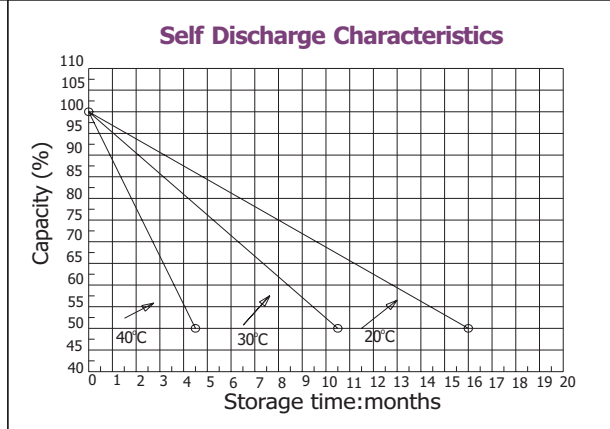
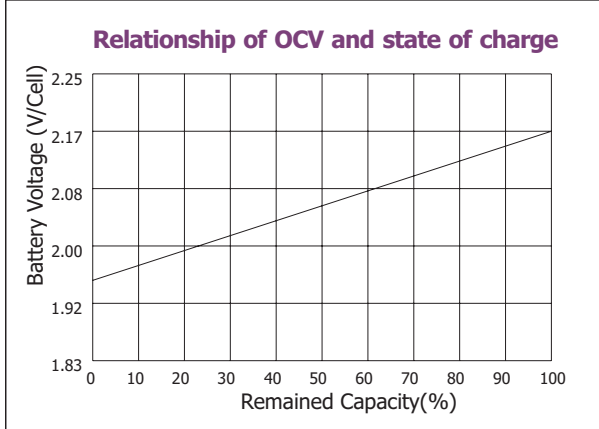
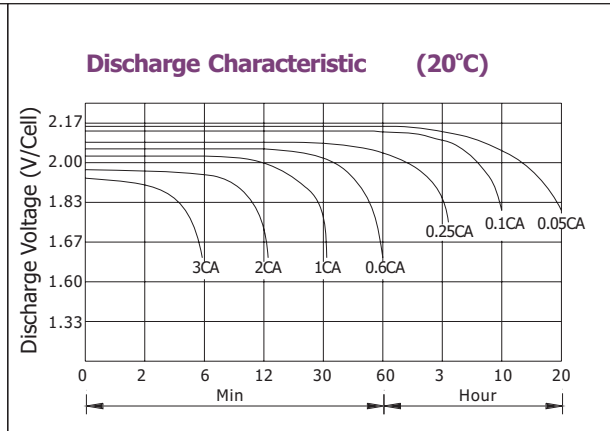
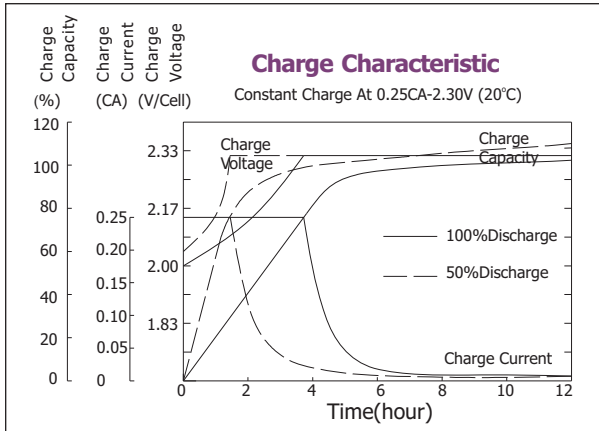


**Terminal Dimensions**



Battery Model	FA12-26			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(1.38A,1.80V)	10HR(2.60A,1.80V)	5HR(4.49A,1.75V)	1HR(16.3A,1.60V)
	27.6AH	26AH	22.5AH	16.3AH
Dimensions	Length	Width	Height	Total Height
	250mm(9.84inch)	97mm(3.81inch)	146.5mm(5.76inch)	148.5mm(5.85inch)
Approx. Weight	9.3Kg (20.5 lbs)			
Internal Resistance	Full charged at 20°C: 0.0103 Ohm			
Self Discharge	3% of capacity declined per month at (20°C)			
Capacity Affected by Temp.(20HR)	40°C	20°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(20°C)	Cycle use		Float use	
	14.4-14.8V(-30mV/ °C), max. Current: 6.5A		13.6-13.8V(-20mV/ °C)	

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**Constant current discharge ratings-amperes at 20°C**

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	91.0	62.4	45.5	27.3	16.3	7.10	4.56	2.76	1.44
1.67V	81.9	56.9	44.2	26.5	16.3	7.07	4.53	2.72	1.43
1.70V	77.7	54.9	42.6	26.0	16.2	7.07	4.53	2.69	1.43
1.75V	69.2	50.7	40.3	25.5	16.1	7.02	4.49	2.65	1.43
1.80V	62.4	47.1	38.5	24.7	15.9	6.99	4.45	2.60	1.38
1.85V	47.3	38.7	33.3	22.7	15.7	6.97	4.42	2.56	1.29

**Constant power discharge ratings-watts at 20°C**

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	150	103	80.6	51.5	32.1	13.6	8.73	5.51	2.88
1.67V	142	102	79.8	50.4	31.0	13.6	8.73	5.43	2.87
1.70V	133	100	78.5	49.1	30.2	13.6	8.73	5.39	2.87
1.75V	124	93.1	73.8	47.8	30.0	13.4	8.64	5.30	2.85
1.80V	111	86.6	69.4	46.5	29.4	13.2	8.49	5.20	2.75
1.85V	88.9	71.8	60.6	42.6	29.2	13.2	8.37	5.11	2.59

