



CJ Series

STAND POWER CJ(General Models)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

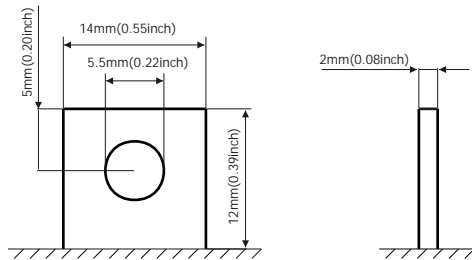
- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

General Features

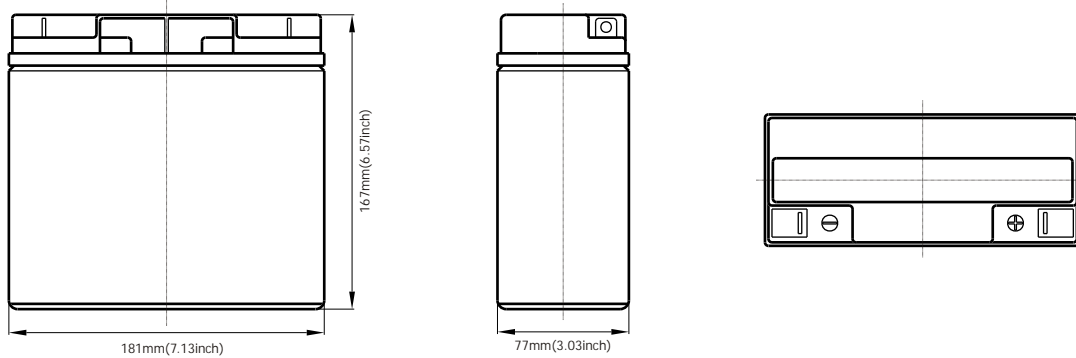
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

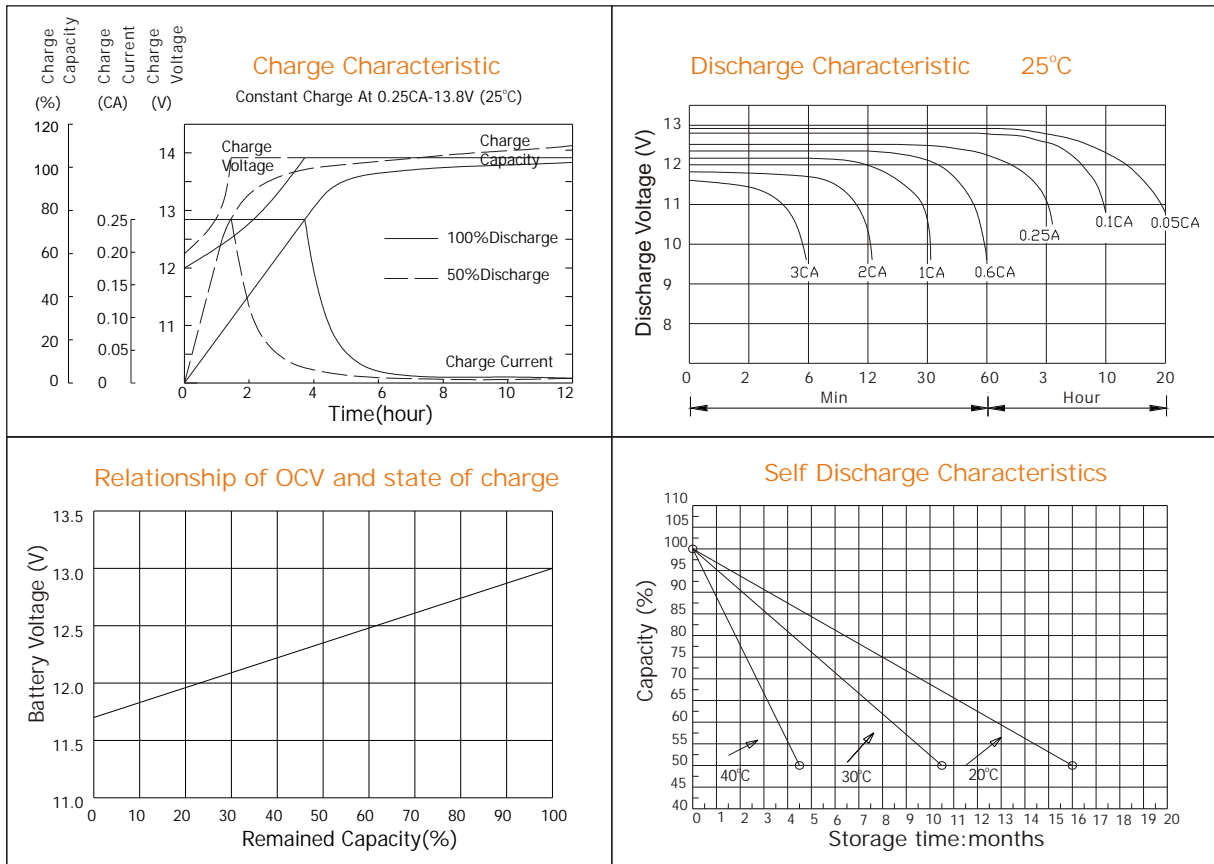
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



Terminal Dimensions



Battery Model	CJ 12-18			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.9A,1.75V)	10HR(1.6A,1.75V)	5HR(3A,1.75V)	1HR(12A,1.75V)
	18AH	16AH	15AH	12AH
Dimensions	Length	Width	Height	Total Height
	181mm(7.13inch)	77mm(3.03inch)	167mm(6.57inch)	167mm(6.57inch)
Approx. Weight	5.7Kg (12.6 lbs)			
Internal Resistance	Full charged at 25°C :0.016 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: 5.4A		13.6-13.8(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	70.3	43.8	33.0	20.1	12.8	5.62	3.43	1.92	1.01
1.67V	66.0	41.5	31.8	19.3	12.6	5.40	3.36	1.90	0.97
1.70V	60.5	40.0	31.0	17.5	12.2	5.04	3.29	1.89	0.96
1.75V	59.3	38.8	30.0	16.6	11.7	4.87	3.22	1.87	0.93
1.80V	53.0	37.0	27.3	15.4	10.9	4.68	3.02	1.84	0.91
1.85V	46.8	35.3	24.5	14.2	10.2	4.51	2.83	1.82	0.88

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	123	79.0	60.3	36.3	23.1	9.96	5.80	3.84	2.02
1.67V	119	77.0	59.5	35.5	22.9	9.65	5.78	3.82	1.94
1.70V	112	76.3	59.0	33.3	22.5	9.22	5.70	3.79	1.92
1.75V	113	76.0	58.5	32.3	22.1	9.00	5.65	3.74	1.87
1.80V	103	74.9	54.3	30.8	20.9	8.74	5.48	3.70	1.82
1.85V	93.6	71.0	49.2	28.8	19.6	8.47	5.30	3.65	1.75



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