



SLA BATTERY

RA12-33 12V33AH



RA Series

RA Series Valve Regulated Lead Acid batteries are designed with AGM (Absorbent Glass Mat) technology, special thicker plates and high purity electrolyte exerts stable performance with long life and the unique 2# additive gives higher capacity than its standard which widely used in the field of UPS, telecommunications.

Application

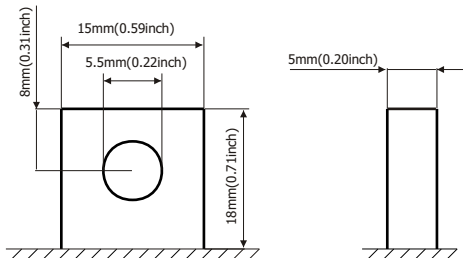
- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

General Features

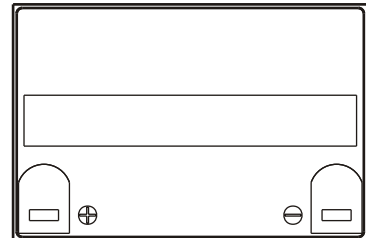
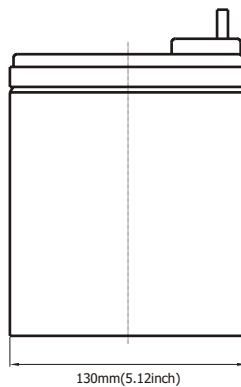
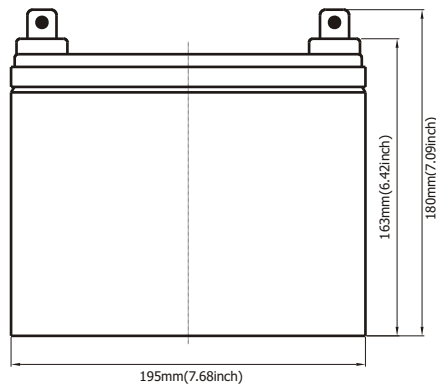
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

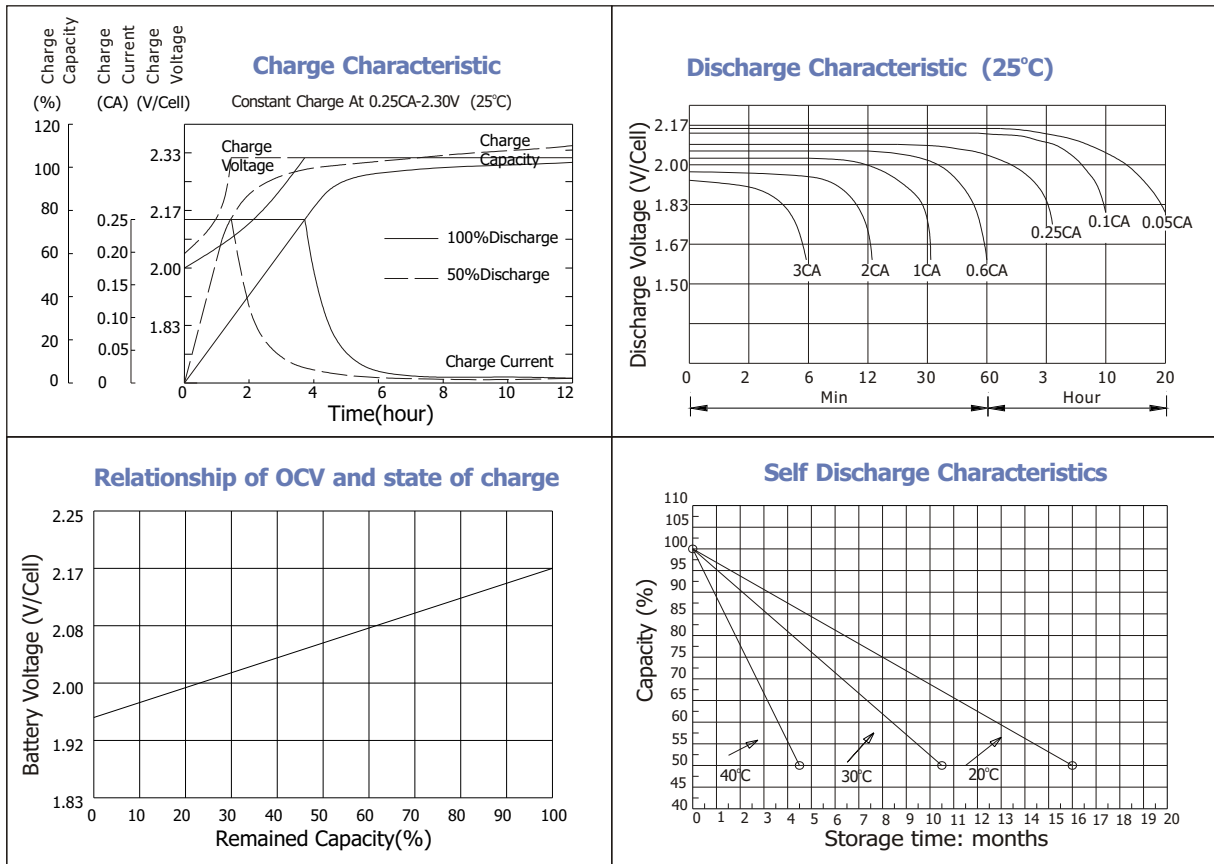


Battery Model	RA12-33			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(1.73A,1.75V)	10HR(3.3A,1.75V)	5HR(5.9A,1.75V)	1HR(21A,1.75V)
	34.6AH	33AH	29.5AH	21AH
Dimensions	Length	Width	Height	Total Height
	195mm(7.68inch)	130mm(5.12inch)	163mm(6.42inch)	180mm(7.09inch)
Approx. Weight	10.5Kg (23.18lbs)			
Internal Resistance	Full charged at 25°C: 0.009 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	
	14.4-15V(-30mV/ °C), max. Current: 8.25A		13.6-13.8V(-20mV/ °C)	



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Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	115.5	79.2	57.8	34.7	21.8	9.01	6.30	3.50	1.74
1.67V	104.0	72.3	56.1	33.7	21.7	8.98	6.24	3.45	1.73
1.70V	98.7	69.6	54.1	33.0	21.7	8.98	6.24	3.42	1.73
1.75V	87.8	64.4	51.2	32.3	21.5	8.91	6.19	3.36	1.73
1.80V	79.2	59.7	48.8	31.4	21.2	8.88	6.14	3.30	1.66
1.85V	60.1	49.2	42.2	28.8	21.0	8.84	6.09	3.24	1.62

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	190	131	102	65.3	42.9	17.3	12.0	7.00	3.48
1.67V	181	130	101	64.0	41.5	17.3	12.0	6.89	3.47
1.70V	169	126	100	62.4	40.4	17.3	12.0	6.84	3.47
1.75V	157	118	93.7	60.7	40.0	17.0	11.9	6.72	3.45
1.80V	141	110	88.1	59.1	39.3	16.8	11.7	6.61	3.33
1.85V	113	91.1	76.9	54.1	39.0	16.7	11.6	6.49	3.25



ISO9001:2000 Certificate



G4M20206-0910-E-16



MH28539



RBRC

