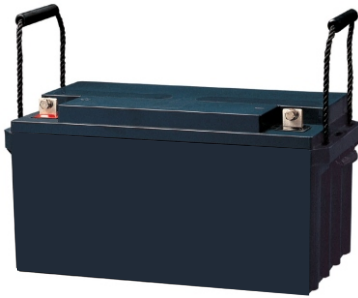




SLA BATTERY

RA12-80 12V80AH



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

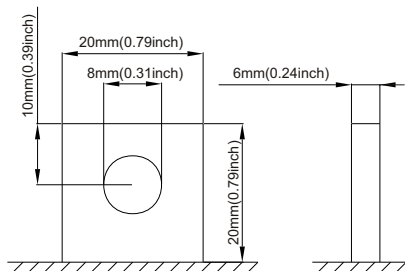
- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

General Features

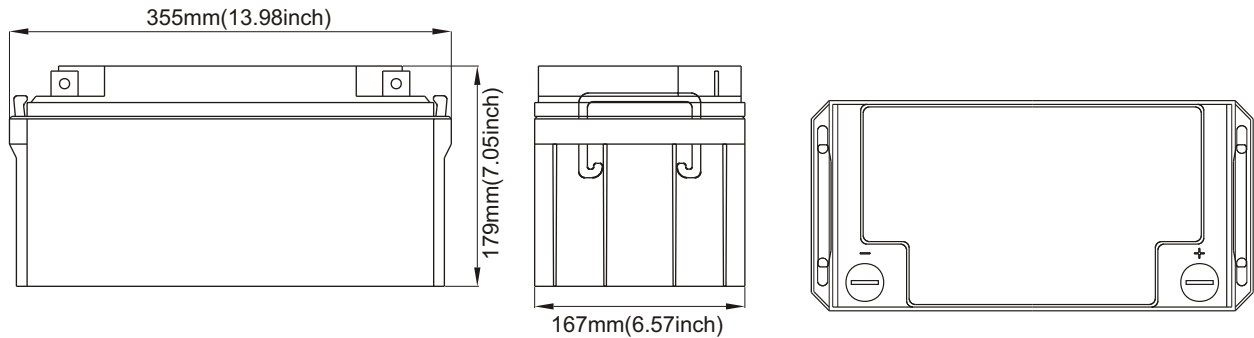
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

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



Terminal Dimensions

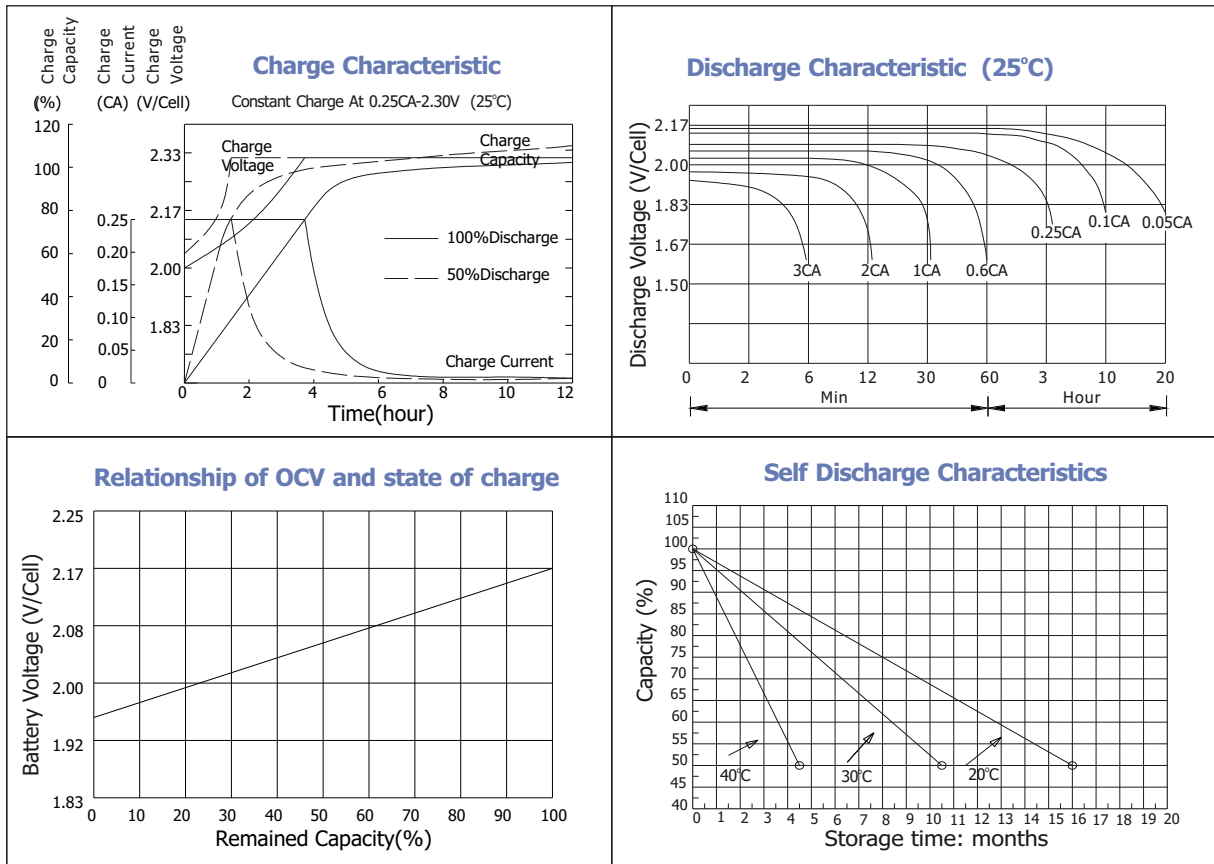


Battery Model	RA12-80			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(4.2A,1.75V)	10HR(8.0A,1.75V)	5HR(13.6A,1.75V)	1HR(48A,1.75V)
	82AH	80AH	68AH	48AH
Dimensions	Length	Width	Height	Total Height
	350mm(13.78inch)	166mm(6.54inch)	179mm(7.05inch)	179mm(7.05inch)
Approx. Weight	24Kg (52.97 lbs)			
Internal Resistance	Full charged at 25°C: 0.0054 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: 20A		13.6-13.8V(-20mV/ °C)	



SLA BATTERY

RA12-80 12V80AH



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	280	192	140	84.0	52.8	21.8	15.3	8.48	4.22
1.67V	252	175	136	81.6	52.7	21.8	15.1	8.36	4.20
1.70V	239	169	131	80.0	52.6	21.8	15.1	8.29	4.20
1.75V	213	156	124	78.4	52.0	21.6	15.0	8.15	4.18
1.80V	192	145	118	76.0	51.4	21.5	14.9	8.01	4.03
1.85V	146	119	102	69.9	50.8	21.4	14.8	7.87	3.79

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	462	318	248	158	104	41.9	29.2	17.0	8.43
1.67V	438	314	246	155	101	41.9	29.2	16.7	8.40
1.70V	409	306	242	151	97.9	41.9	29.2	16.6	8.40
1.75V	381	286	227	147	97.0	41.3	28.9	16.3	8.36
1.80V	342	266	214	143	95.4	40.7	28.4	16.0	8.07
1.85V	274	221	186	131	94.5	40.6	28.0	15.7	7.58



ISO9001:2000 Certificate



G4M20206-0910-E-16



MH28539



RBRC

