

AGM BATTERY BAT 5AH-18AH is the general purpose battery with 5 years design life for float service. It meets IEC and JIS standards. With up-dated AGM valve regulated technology and high purity raw materials, the RT series battery has reliable standby service life. It is suitable for UPS/EPS, medical equipment, emergency light and security systems applications.



Features

- Capacity range : 1.3Ah - 28Ah
- Voltage class : 6V/12V
- Long design life (25C) : 5 years
- Low self-discharge rate : < 3% /month
- Good high rate discharge performance
- High sealed reaction efficiency : > 99%
- Wide operations temperature range : 20C ~ 60C
- Structure : Compact design, shorter internal connectors between cells, thus low internal resistance
- Plate : Pasted flat type, with patent formula of AM
- Terminal: Two or more types terminals are convenient for selection
- Separator : using improved AGM separator, makes lower resistance, higher assembling pressure to increase cycle life.
- Battery case: made of high strength ABS (UL94-HB) and UL94-V0 is optional
- Terminal sealing : double sealing techniques (mechanical + epoxy glue)

Specifications

SPECS	12V5.0AH	12V7.0AH	12V9.0AH	12V12AH	12V18AH
Cells Per Unit	6				
Voltage Per Unit	12				
Capacity	5.0Ah@20hr-rate to 1.75V per cell @25 C	7.0Ah@20hr-rate to 1.75V per cell @25 C	9.0Ah@20hr-rate to 1.75V per cell @25 C	12Ah@20hr-rate to 1.75V per cell @25 C	18Ah@20hr-rate to 1.75V per cell @25 C
Weight	Approx. 1.6 Kg(Tolerance±4%)	Approx. 2.04 Kg(Tolerance±2%)	Approx. 2.55 Kg(Tolerance±4%)	Approx. 3.6 Kg(Tolerance±4%)	Approx. 5.2 Kg(Tolerance±4%)
Max. Discharge Current	50 A (5 sec)	70 A (5 sec)	90 A (5 sec)	120 A (5 sec)	180 A (5 sec)
Internal Resistance	Approx. 35 mΩ	Approx. 30 mΩ	Approx. 18 mΩ	Approx. 16.5 mΩ	Approx. 14 mΩ
Operating Temperature	Discharge: -20 C~60 C				

Range	Charge: 0 C~50 C Storage: -20 C~60 C				
Normal Operating Temperature Range	25 C±5 C				
Float charging Voltage	13.7 to 13.9 VDC/unit Average at 25 C				
Recommended Maximum Charging Current	1.5A	2.1A	2.7	3.6A	5.4A
Equalization and Cycle Service	14.2 to 14.4VDC/unit Average at 25 C				
Self Discharge	Batteries can be stored for more than 6 months at 25 C. Self-discharge ratio less than 3% per month at 25 C. Please charge batteries before using.				
Terminal	Faston Tab 187(F1)/Faston tab 250(F2)				
Container Material	A.B.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.				