



Rechargeable
Sealed Lead Acid
Maintenance Free Battery

UPS VRLA



Rechargeable Sealed Lead Acid Maintenance Free Battery

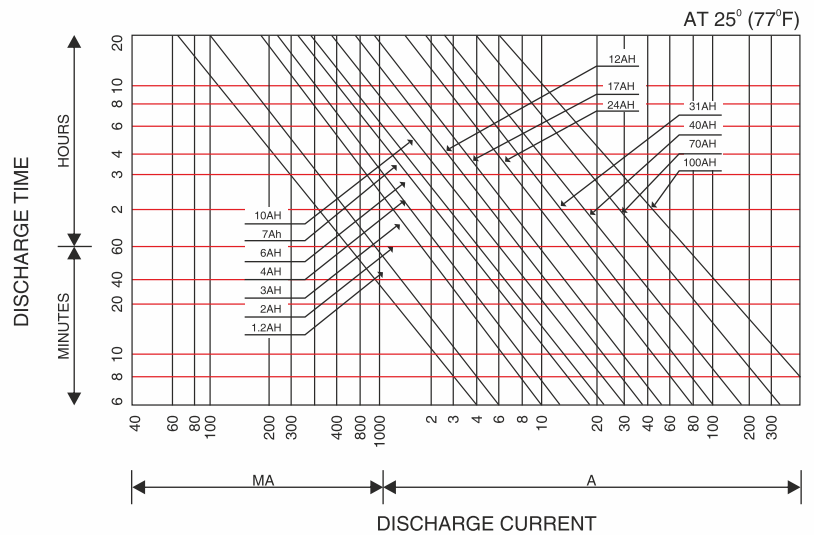
SMF BATTERY TECHNICAL DATA

6/12V BATTERIES CAPACITY SELECTION CHART

The point where the current and time lines intersect on the chart with the diagonal AH line is the minimum capacity required for the application.

PRODUCT FEATURES

- For both cyclic and standby use.
- Uniform plate formation for consistent capacity.
- Reduced internal resistance for superior performance.
- Provides 1300 cycles at 20% DOD.
- Non - spillable, useable in any position.
- Maintenance free and High Shelf Life.
- Low Self-discharge.
- Electrolyte suspension system.
- Gas recombinant system.
- Low pressure venting system.
- Heavy duty grids.
- Long service life.
- ABS container and cover
- Wide operating temperature range most suited to Indian conditions.



SERVICE LIFE

- 4 to 6 years expected life under normal flat charge condition at 25°C. (77°F)
- Extended shelf life (up to 14 months at 20°C)

APPLICATIONS

Power Back up Applications

- USP power supply
- workstation USP
- Emergency lighting equipment
- Precision instrument back up power
- Fire alarm & Electronic Security Devices
- Communication & Telephony equipment
- Computers, Microcomputers & Servers
- Robotics, Automation & control equipment
- Factory Automation Systems
- Telemetry Equipment
- Switch room backup in power stations

Cyclic use Application :

- Golf Carts, Electric Vehicles
- Wheel Chairs, e-Bikes etc.
- Portable Measuring instruments
- Cameras and Photography equipments
- Electronic Toys and Devices

Solar Cell and Wide Power Generation

Applications :

- Solar Lamps
- Street Lighting
- Traffic Signal Equipment
- Water Pumping system
- Small Town power system
- Wi-Fi Systems



Model No.	Nominal Voltage (V)	Rated Capacity @20 hr (AH)	Outline Dimensions mm				AH Capacity @20°C (68°F)			
			Length	Width	Case Height	Total Height	10 Hr 1.75 vpc	8 Hr 1.75 vpc	5 Hr 1.75 vpc	3 Hr 1.75 vpc
AT 4.5-12	12	4.5	90	70	101	107	4.20	4.05	3.83	3.38
AT 7.2-12	12	7.5	151	65	95	99	6.50	6.31	5.75	5.25
AT 9.0-12	12	9.0	151	65	95	99	7.60	7.20	6.80	6.40
AT 12-12	12	12	151	99	96	101	10.8	10.5	9.75	9.30
AT 18-12	12	18	181	76	167	167	16.7	16.2	15.3	13.8
AT 26-12	12	26	177	168	126	126	24	23.3	22.8	20.7
AT 45-12	12	45	196	165	171	171	41.8	39.6	37.5	33.5
AT 65-12	12	65	350	167	179	179	62.0	59.5	55.0	48.75
AT 80-12	12	80	259	169	208	211	76.0	72.0	68.0	60.0
AT 100-12	12	100	330	170	215	220	90.0	86.4	79.2	73.1
AT 150-12	12	150	480	170	240	240	135	130	119	110
AT 200-12	12	200	524	240	216	244	180	173	158	146



ALTIMA[®]

THE ULTIMATE POWER

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