Batería VRLA CBAT24AH 12V24AH

MS Series SLA Battery

Serie de Baterías de tamaño pequeño

- 100% before shipment testing, stable and reliable long-term quality
- patented grid alloy formula and updated manufacturing technique
- completely sealed and maintenance-free, low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating & standby use: 3-5 years



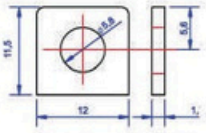
Application:

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

ISO14001 ISO9001 TB09075935 MH 47104

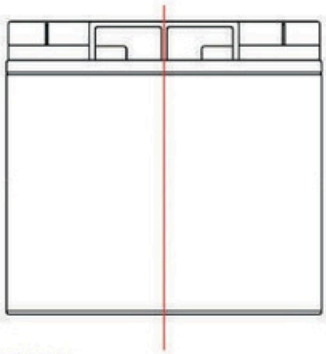
Construction:

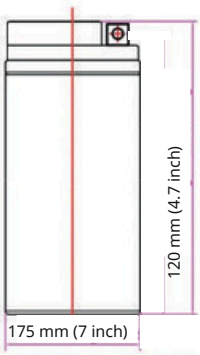
- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy
- Safety valve .... Rubber
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte .....Sulfuric acid

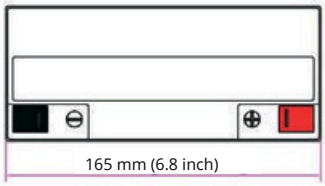


M5 Bolt &Nut

T1 Terminal







Speification:

Battery Model	12V 24AH			
Designed Floating Life	3～5 Years			
Capacity (25℃)	20HR(0.90A,10.5V)	10HR(1.73A,10.5V)	5HR(3.24A,10.5V)	1HR(10.85A,10.5V)
	18.00AH	17.30AH	16.20AH	10.85AH
Dimensions	Length	Width	Height	Total Height
	175mm ± 3mm	165mm ± 3mm	120mm ± 3mm	125mm
Approx. Weight	5.30Kg (11.68 lbs) ±5%			
Internal Resistance	Full charged at 25℃ : ≤12. 0mΩ			
Self Discharge	3% of capacity declined per month at (25℃)			
Capacity Affected by Temp.(20HR)	40℃	25℃	0℃	-15℃
	102%	100%	85%	65%
Charge Voltage(25oC)	Cycle use		Float use	
	14.4-15.0V(-30mV/℃), max. Current: 7.2A		13.5-13.8V (-20mV/℃)	

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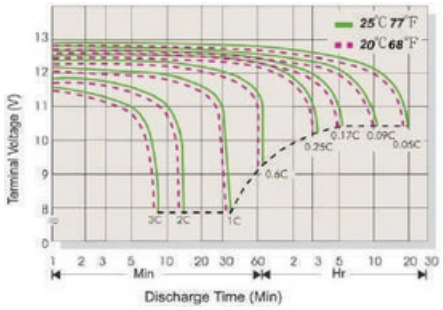
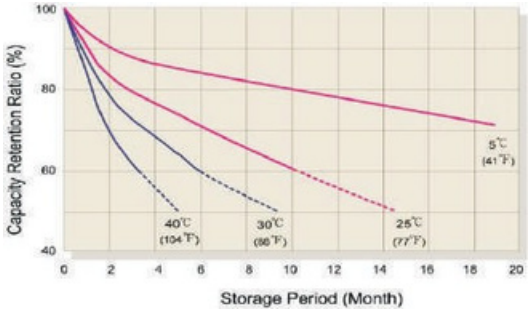
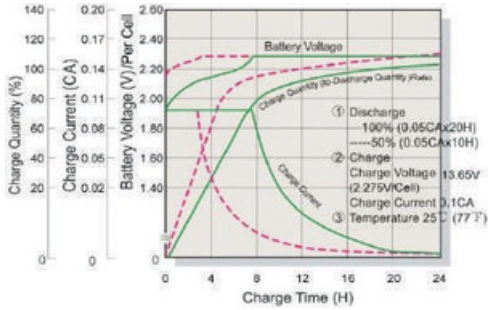
Terminal Voltage (V) and Discharge Time



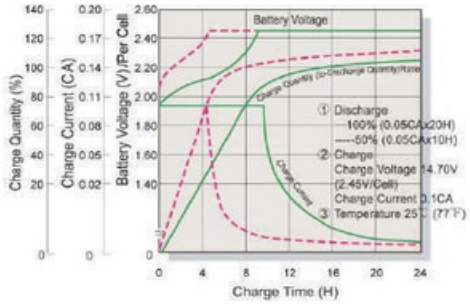
Capacity Retention Characteristic



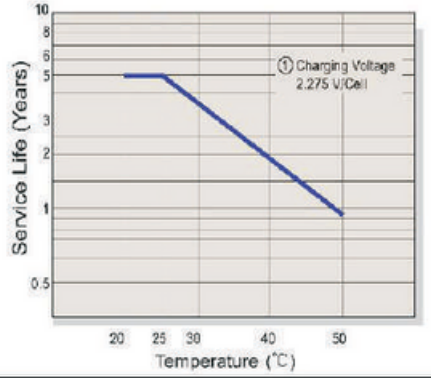
Battery Vlotage and Charge Time for Standby Use



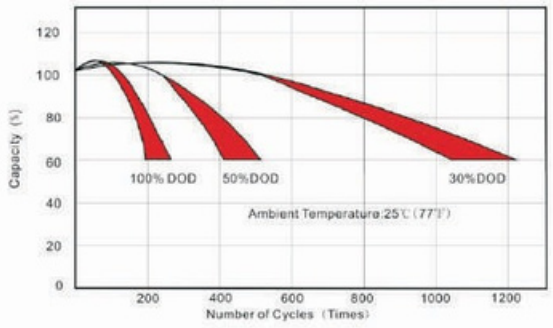
Battery Voltage and Charge Time for Cycle Use



Tickle(or Float) Service Life



Cycle Service Life



Constant Current Discharge(CC,Unit:A) at 25℃(77'F)

VF/Time	5 min	10 min	15 min	20 min	30 min	1 hr	2 hrs	3 hrs	5 hrs	10 hrs
1.80VPC	86.62	58.04	48,01	39,66	24,63	15.83	9.14	6.15	4.27	2.42
1.75VPC	87.15	58.57	50,56	40,54	25,06	16.18	9.36	6.33	4.47	2.55
1.70VPC	87.41	58.83	50,83	40,80	25,48	16.44	9.62	6.51	4.60	2.62
1.65VPC	87.58	59.00	51,01	40,98	25,86	16.80	9.94	6.73	4.75	2.64
1.60VPC	87.77	59.19	51,18	41,15	26,41	17,17	10.16	6.83	4.84	2.72

Constant Power Discharge (CP,Unit:W) at 25℃(77F)

VF/Time	5 min	10 min	15 min	20 min	30 min	1 hr	2 hrs	3 hrs	5 hrs	10 hrs
1.80VPC	909,51	609,42	526,32	416,44	258,54	166,20	96.03	64.64	44,78	25,39
1.75VPC	915,05	614,96	530,93	425,67	263,16	169,90	98.24	66.48	46,96	26,78
1.70VPC	917,82	617,73	533,70	428,44	267,77	172,67	100,83	68,33	48,25	27,51
1.65VPC	919,67	619,58	535,55	430,29	272,39	176,36	104,34	70,64	49,86	27,70
1.60VPC	921,51	621-42	537,40	432,13	277,29	180,06	106,19	71,56	50,78	28,62