



Sealed Lead-Acid Battery

Absorbant Glass Mat (AGM) technology for superior performance. Valve regulated, spill proof construction allows safe operation in any position. Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified. U.L. recognized under file number MH 20567.

UPG No. 40681

UB632L

Maintenance-Free

Specification

Nominal Voltage	6 volts		
Nominal Capacity	77° F (25° C)		
20-hr. (0.17A)	3.4 Ah		
10-hr. (0.32A)	3.2 Ah		
5-hr. (0.58A)	2.9 Ah		
1-hr. (2.20A)	2.2 Ah		
Approximate Weight	1.39 lbs (0.7kgs)		
Internal Resistance (approx.)	0.024mΩ		
Shelf Life (% of normal capacity at 77° F (25° C))			
3 Months	6 Months	12 Months	
91%	82%	64%	
Temperature Dependency of Capacity		(20 hour rate)	
104° F	77° F	32° F	5° F
102%	100%	85%	65%



Charge Method (Constant Voltage)

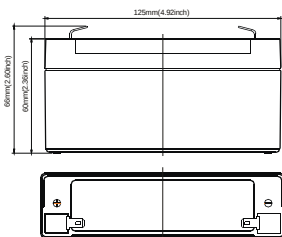
Cycle Use (Repeating Use)

Initial Current	2.45 A or smaller
Control Voltage	7.25 - 7.45 V

Float Use

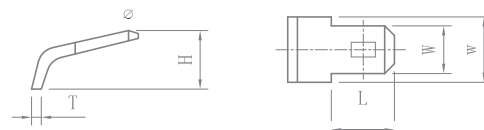
Control Voltage	6.80 - 6.90 V
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Physical Dimensions: in (mm)



L: 4.92in (125 mm)
W: 1.30in (33 mm)
H: 2.36in (60mm)
TH: 2.60in (66 mm)
Tolerances are +/- 0.04 in. (+/- 1mm)
and +/- 0.08 in. (+/- 2mm) for height
dimensions. All data subject to
change without notice.

Terminals



Dimension Type	L	W	w	H	T
F1	6.35	3.15	6.00	6.00	0.80

Constant Current Discharge Characteristics Unit:A (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	13.3	8.26	6.23	3.80	2.42	1.06	0.65	0.36	0.19
1.67V	12.5	7.84	6.00	3.64	2.38	1.02	0.63	0.36	0.18
1.70V	11.4	7.56	5.86	3.31	2.31	0.95	0.62	0.36	0.18
1.75V	11.2	7.32	5.67	3.14	2.20	0.92	0.61	0.35	0.18
1.80V	10.0	6.99	5.15	2.91	2.06	0.88	0.57	0.35	0.17
1.85V	8.84	6.66	4.63	2.68	1.92	0.85	0.53	0.34	0.17

Constant Power Discharge Characteristics Unit:W (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	23.3	14.9	11.4	6.85	4.36	1.88	1.10	0.73	0.38
1.67V	22.5	14.5	11.2	6.71	4.33	1.82	1.09	0.72	0.37
1.70V	21.2	14.4	11.1	6.28	4.25	1.74	1.08	0.72	0.36
1.75V	21.3	14.4	11.1	6.09	4.18	1.70	1.07	0.71	0.35
1.80V	19.5	14.1	10.2	5.81	3.94	1.65	1.03	0.70	0.34
1.85V	17.7	13.4	9.29	5.44	3.70	1.60	1.00	0.69	0.33

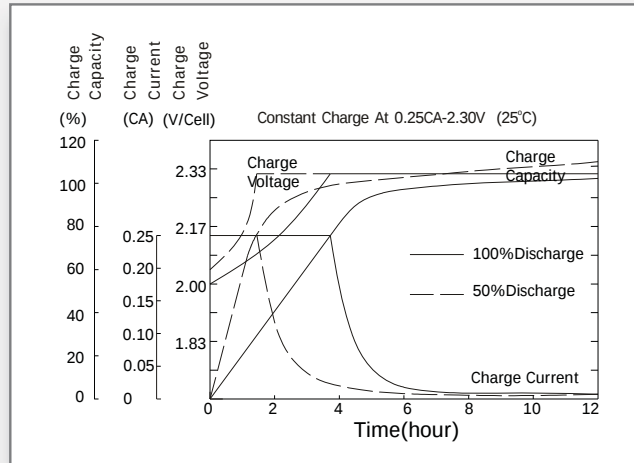
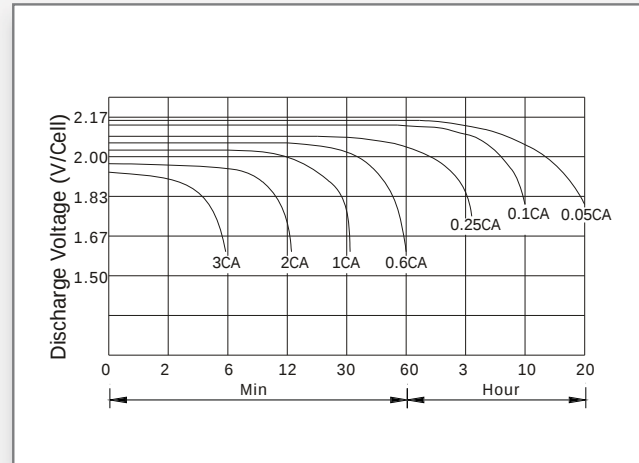
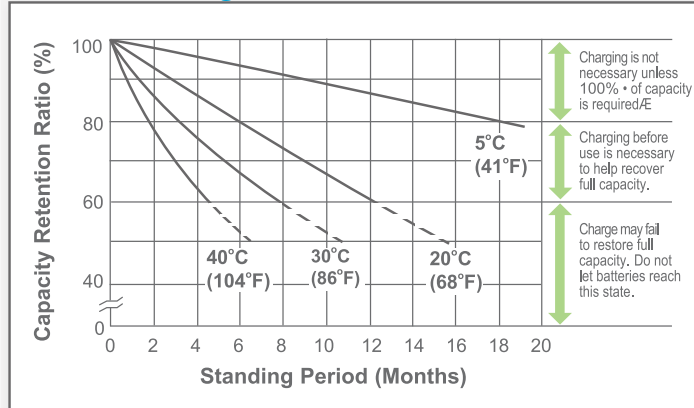
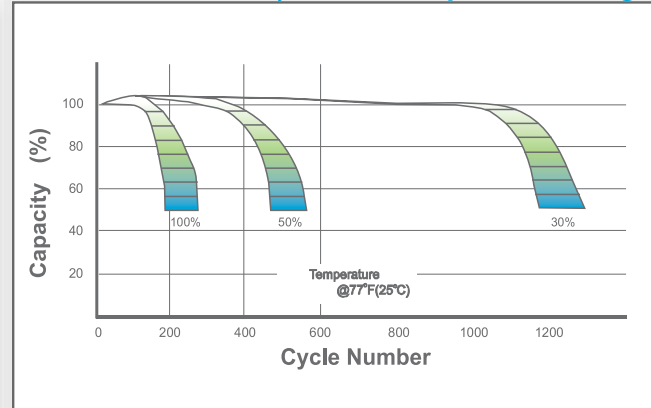
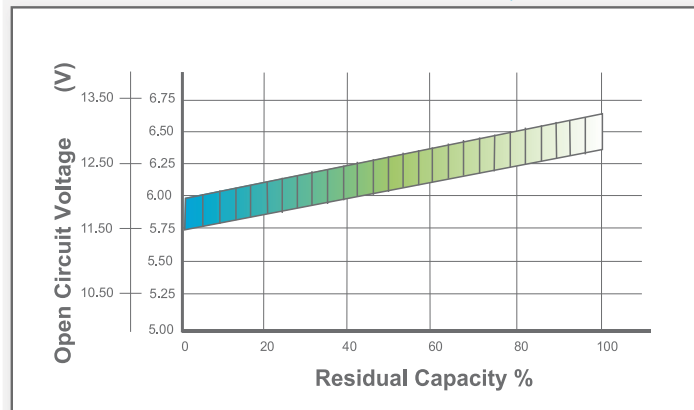
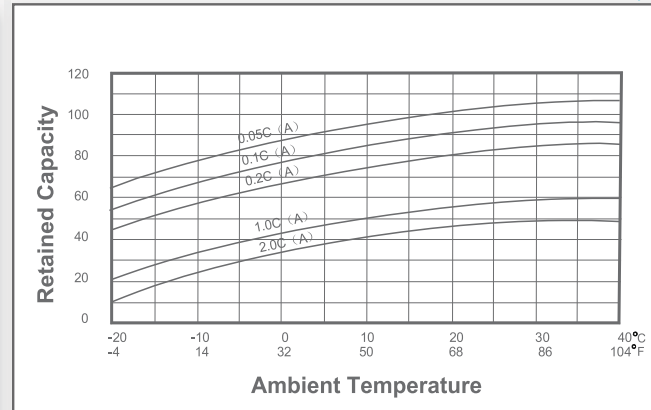


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Charge Characteristic**Discharge Characteristics****Shelf Life & Storage****Cycle Life vs Depth of Discharge****Open Circuit Voltage vs Residual Capacity****Effect of Temperature on Capacity****Charge Current & Final Discharge Voltage**

Application	Charge Voltage(V/Cell)			Max.Charge Current	Final Discharge Voltage V/Cell	Discharge Current(A)	1.75	1.70	1.60	1.30
	Temperature	Set Point	Allowable Range							
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.35C	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C		
Standby	25°C(77°F)	2.325	2.30~2.35							



Let UPG Power Your Life.

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