



LIFETIME BATTERY

VALVE REGULATED SEALED LEAD ACID BATTERIES

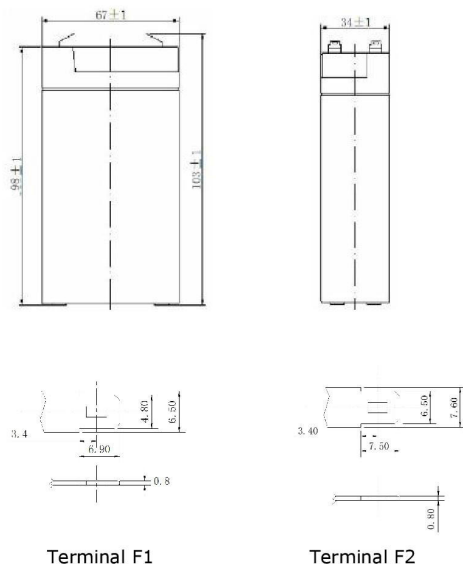
STANDBY SERIES
06002.8(6V2.8AH/20HR)

Specifications

Nominal Voltage	6V	
Nominal Capacity(20hr)	2.8AH	
Dimension	Length	67±2mm(2.64inch)
	Width	34±2mm(1.34inch)
	Height	98±2mm(3.86inch)
	Total Height	103±2mm(4.06inch)
Approx Weight	Approx. 0.5kg(+ -5%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx. 30mΩ	
Rated Capacity	2.80AH	(20hr, 1.70V/cell, 25°C/77°F)
	2.70AH	(10hr, 1.75V/cell, 25°C/77°F)
	2.40AH	(5hr, 1.75V/cell, 25°C/77°F)
	2.10AH	(3hr, 1.70V/cell, 25°C/77°F)
	1.55AH	(1hr, 1.6V/cell, 25°C/77°F)
Max. Discharge Current	60A(5S)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Charge Current Less Than 0.25CA	
	7.05V~7.35V@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	6.75V~6.90V@25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge	3 month	Remaining capacity: 91%
	6 month	Remaining capacity: 82%
	12month	Remaining capacity: 65%



Dimensions

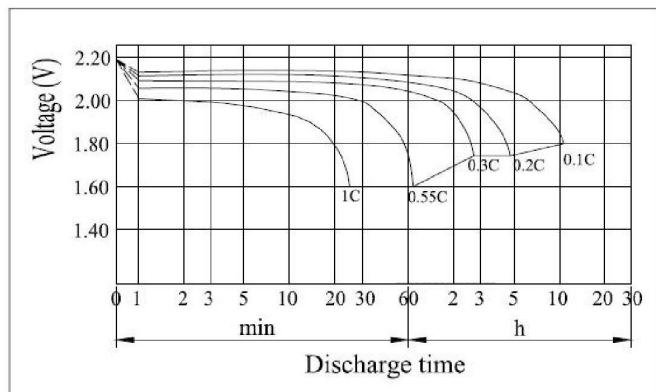
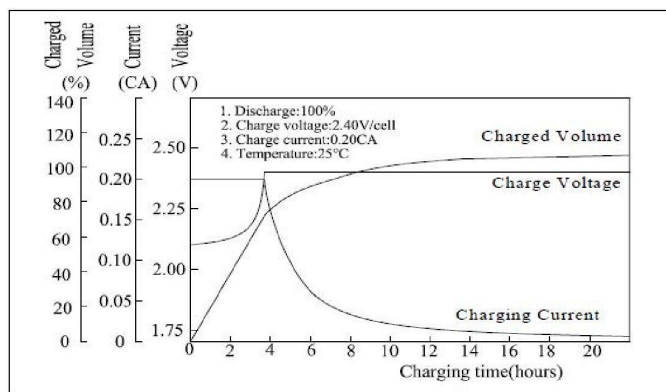
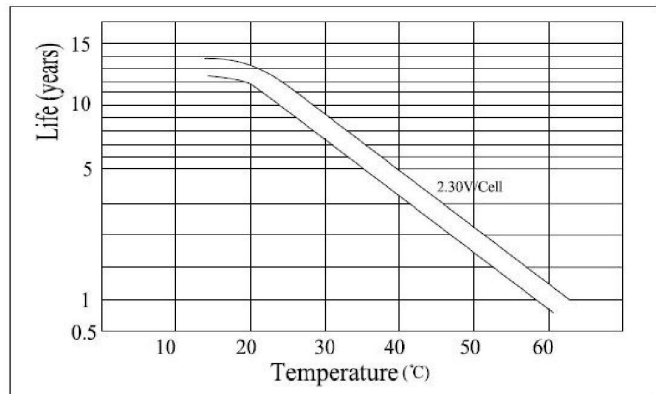
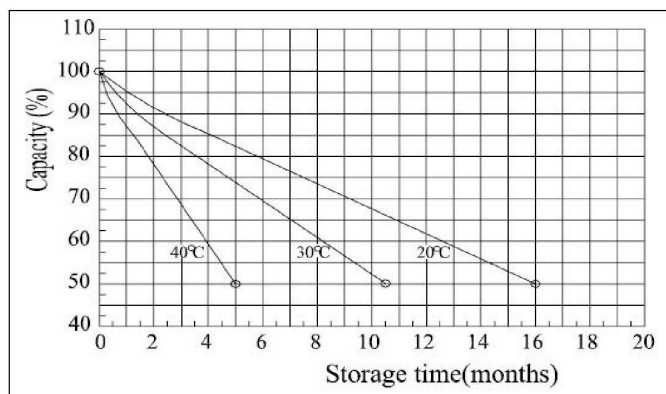
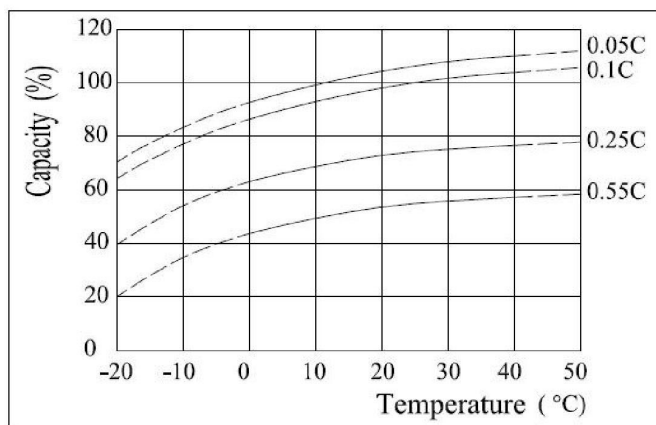


Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	17.7	12.2	8.5	5.3	3.10	1.81	1.38	1.09	0.90	0.78	0.51	0.27
1.75V/Cell	18.0	12.4	8.6	5.3	3.15	1.84	1.40	1.12	0.92	0.79	0.52	0.27
1.70V/Cell	18.6	12.8	9.1	5.6	3.21	1.88	1.43	1.13	0.94	0.80	0.52	0.28
1.67V/Cell	19.1	13.2	9.9	5.9	3.24	1.89	1.44	1.14	0.95	0.81	0.53	0.28
1.60V/Cell	19.6	13.6	10.4	6.1	3.27	1.91	1.45	1.16	0.96	0.82	0.53	0.28

Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	9.1	6.3	4.34	2.69	1.59	0.93	0.70	0.56	0.47	0.40	0.26	0.14
1.75V/Cell	9.2	6.4	4.42	2.74	1.62	0.95	0.72	0.57	0.47	0.41	0.26	0.14
1.70V/Cell	9.5	6.6	4.69	2.85	1.64	0.96	0.73	0.58	0.48	0.41	0.27	0.14
1.67V/Cell	9.8	6.8	5.1	3.01	1.67	0.97	0.74	0.59	0.49	0.42	0.27	0.14
1.60V/Cell	10.1	7.0	5.3	3.14	1.68	0.98	0.74	0.59	0.49	0.42	0.27	0.14

Discharge Characteristics

Float Charging Characteristics

Floating Life on Temperature

Self Discharge Characteristics (25°C(77°F))

Temperature Effects in Relation to Battery Capacity

Cycle Life Relation to Depth of Discharge
