

VRLA Battery

- completely sealed and maintenance-free, low self-discharge
- 100% precise quality testing, stable quality and high reliable performance
- Unique grid alloy formula and updated manufacturing technique
- Floating & standby use: up to 3 years
- Cycle use 1: More than 240 cycles at 100% DOD
- Cycle use2: More than 1200cycles at 30% DOD

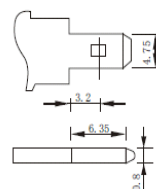
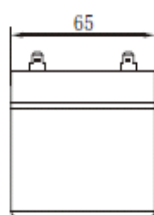
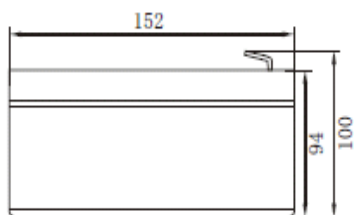


Application:

- Telecommunications
- UPS/EPS
- DC Power Supply
- Solar system
- Wind Power System
- Auto Control System

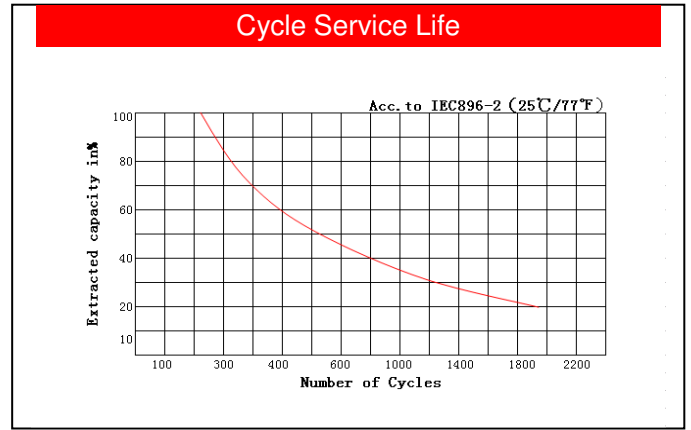
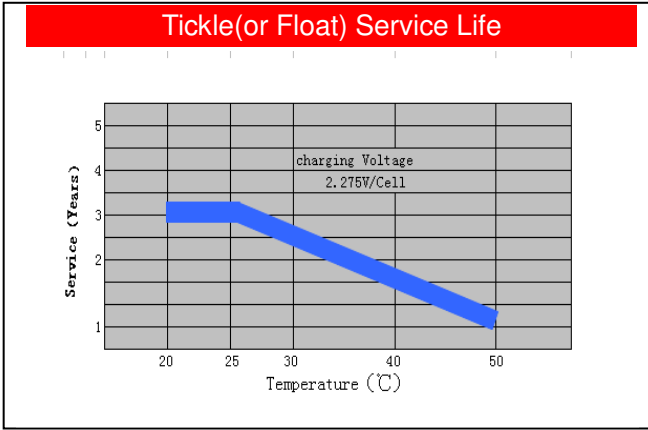
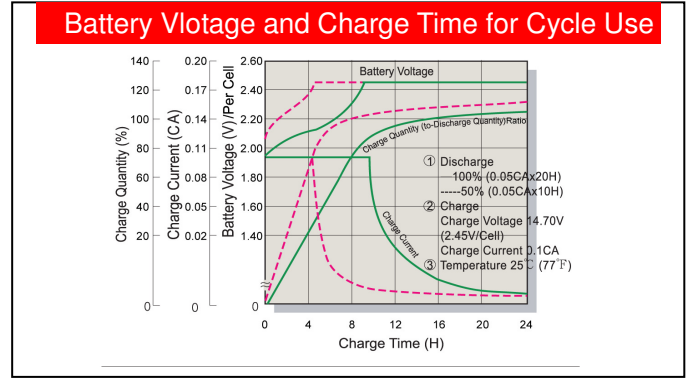
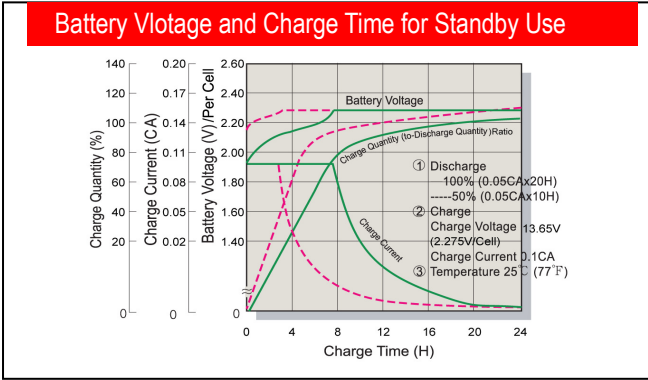
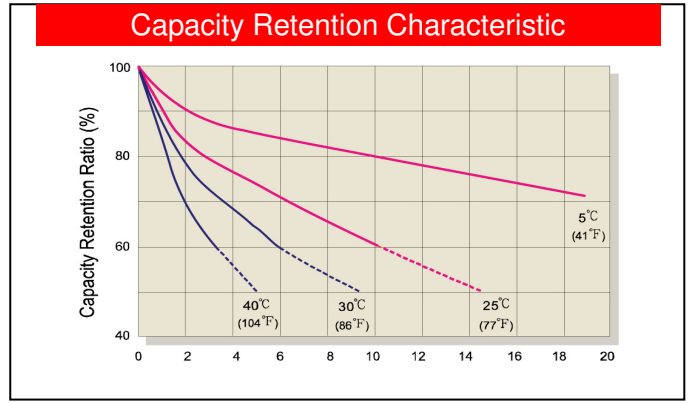
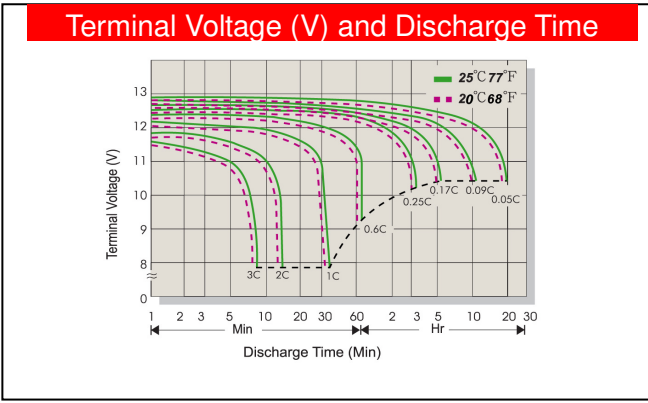
Construction:

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy
- Safety valveRubber
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



Specification:

Battery Model	LOT 7AH-12 12V7AH			
Designer Floating Life	Up to 3 Years			
Capacity (25°C)	20HR(0.36A,10.50V)	10HR(0.7A,10.50V)	5HR(1.19A,10.5V)	1HR(3.85A,10.5V)
	7.2AH	7AH	5.95AH	3.85AH
Dimensions	Length	Width	Height	Total Height
	152mm (5.99inch)	65mm (2.56inch)	94mm (3.7inch)	100mm (3.94inch)
Approx. Weight	2.15Kg (4.73 lbs)			
Internal Resistance	Full charged at 25°C : ≤25mΩ			
Self Discharge	2% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	88%	78%
Charge Voltage(25oC)	Cycle use		Float use	
	14.4-14.6V(-30mV/°C), max. Current: 2.1A		13.6-13.8V (-20mV/°C)	



Constant Current Discharge(CC,Unit:A) at 25°C (77°F)													
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr	
9.6V	25.2	16.5	12.3	8.05	4.20	2.45	1.80	1.45	1.23	0.81	0.66	0.36	
10.2V	23.1	15.8	11.3	7.64	3.94	2.35	1.75	1.40	1.20	0.80	0.65	0.35	
10.5V	21.0	14.8	10.5	7.41	3.82	2.30	1.72	1.33	1.19	0.79	0.64	0.35	
10.8V	20.2	14.1	9.80	7.20	3.69	2.25	1.69	1.31	1.14	0.77	0.63	0.34	
11.1V	18.7	13.3	9.10	7.00	3.56	2.19	1.60	1.28	1.09	0.75	0.61	0.33	
Constant Power Discharge (CP,Unit:W) at 25°C (77°F)													
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr	
9.6V	262	177	131	86.6	45.4	27.1	20.3	16.3	14.2	9.32	7.65	4.21	
10.2V	248	175	126	85.6	44.6	26.9	20.1	16.1	14.1	9.29	7.64	4.14	
10.5V	231	168	120	85.3	44.2	26.7	20.1	15.6	14.0	9.26	7.62	4.13	
10.8V	227	163	113	83.5	42.9	26.3	19.9	15.4	13.4	9.09	7.45	4.06	
11.1V	212	154	106	81.9	41.8	25.9	19.1	15.3	13.0	8.94	7.39	4.03	