

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 use 2: More than 1200 cycles at 30% DOD

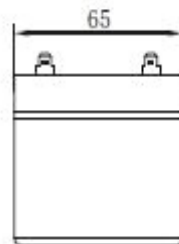
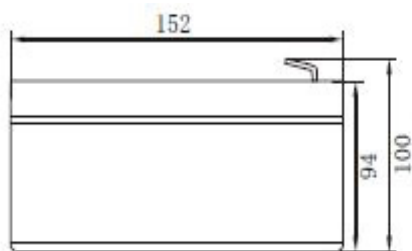
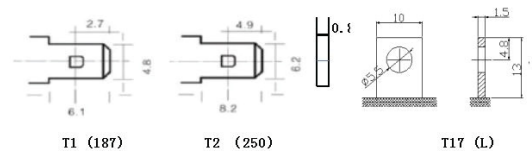


Application:

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

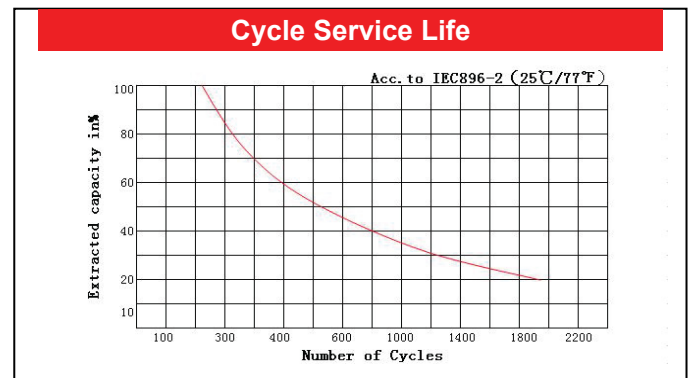
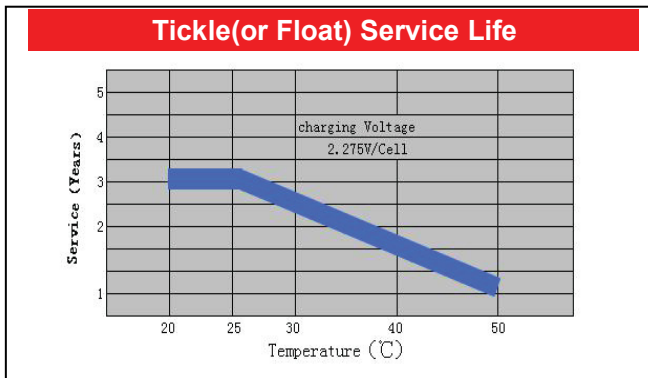
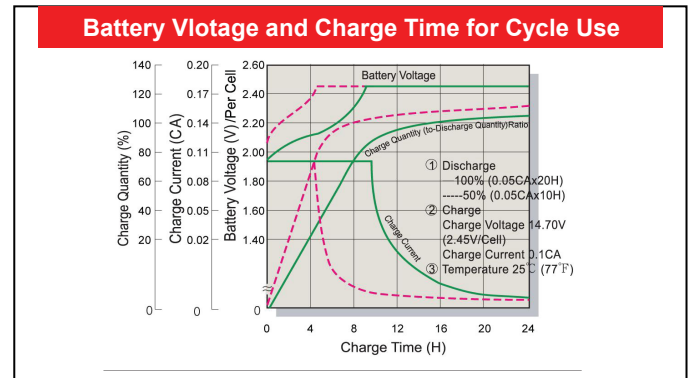
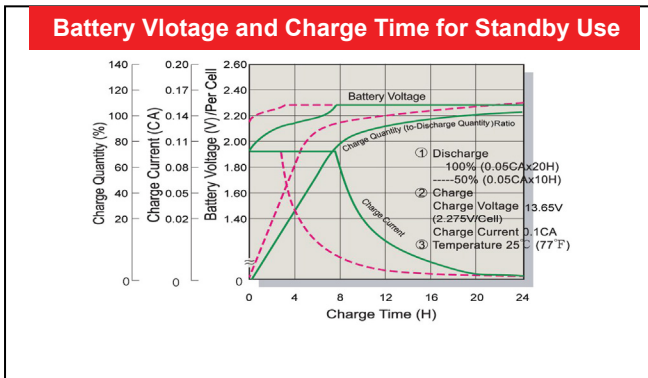
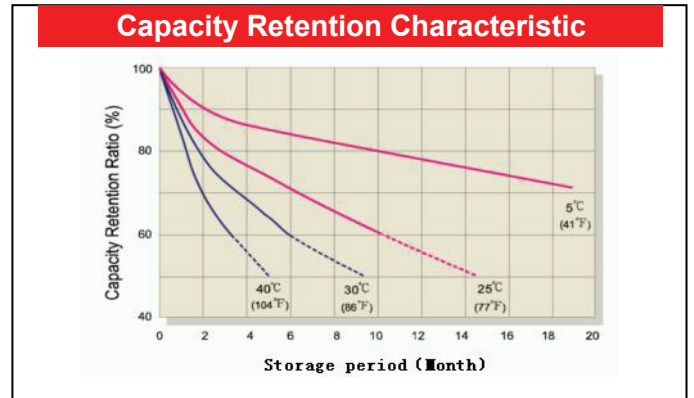
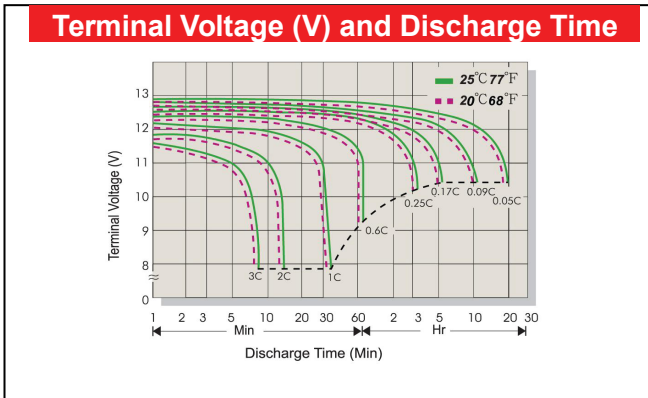
Construction:

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



Specification:

Battery Model	12V9.0AH			
Designer Floating Life	Up to 3 Years			
Capacity (25°C)	20HR(0.425A,10.50V)	10HR(0.81A,10.50V)	1HR(4.4A,9.6V)	CCA
	8.5AH	8.1AH	4.4AH	180
Dimensions	Length	Width	Height	Total Height
	152mm (5.99inch)	65mm (2.56inch)	94mm (3.7inch)	100mm (3.94inch)
Approx. Weight	2.4Kg (5.289 lbs)			
Internal Resistance	Full charged at 25°C: ≤ 16mΩ			
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%	80%	55%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4--15.0V (-18mV/°C)		13.5--13.8V (-18mV/°C)	
Maximum charging current: 2.7A (25°C)		Maximum discharge current: 127.5A(5 sec.) (25°C)		



Constant Current Discharge(CC,Unit:A) at 25°C(77°F)												
F.V/Time	5Min	10Min	15Min	27Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
9.6V	25.5	17.0	14.5	8.5	4.4	2.72	2.14	1.70	1.47	1.02	0.85	0.426
10.2V	25.0	16.5	14.0	8.3	4.2	2.70	2.12	1.68	1.45	1.02	0.84	0.426
10.5V	24.5	16.0	13.5	8.1	4.0	2.68	2.10	1.66	1.43	0.98	0.83	0.425
10.8V	24.0	15.5	13.0	7.9	3.8	2.64	2.08	1.62	1.41	0.94	0.81	0.422
Constant Power Discharge (CP,Unit:W) at 25°C(77°F)												
F.V/Time	5Min	10Min	15Min	27Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
9.6V	255	170	145	85	44	27.2	21.4	17.0	14.7	10.2	8.5	4.26
10.2V	250	165	140	83	42	27.0	21.2	16.8	14.5	10.0	8.4	4.26
10.5V	245	160	135	81	40	26.8	21.0	16.6	14.3	9.8	8.3	4.25
10.8V	240	155	130	79	38	26.4	20.8	16.2	14.1	9.4	8.1	4.22