

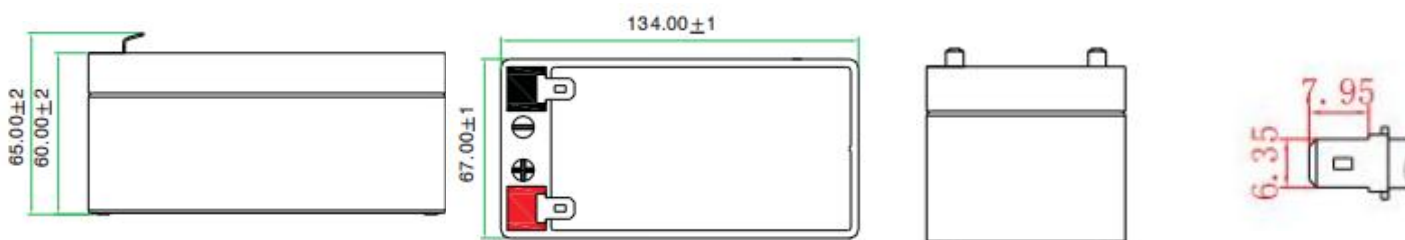
General Features

- ▶ High corrosion resistant performance: Pb-Ca multi-alloy grid
- ▶ High energy density and power density
- ▶ Optimized capability of instant high-current discharging
- ▶ Excellent charge acceptance ability
- ▶ Excellent deep cycle discharge capability
- ▶ Strong high and low temperature performance
- ▶ Precision sealing technology



Dimension: 134(L) × 67(W) × 60(H) × 65(TH)

Unit: mm



Specification	
Nominal Voltage	12V
Nominal Capacity	3.3Ah
Design life	3 years
Terminal	F1/F2
Approx. Weight	Approx: 1.28Kg ± 3% (2.82lbs ± 3%)
Container Material	ABS
short-circuit current	200A
Internal resistance(Full charged at 25°C:)	60.0 mΩ
Self discharge	3% of capacity declined per month at 25°C
Operating Temperature	
Discharge:	-20 ~50°C(-4~ 122°F)
Charge :	-20 ~50°C(-4~ 122°F)
Storage:	-20 ~50°C(-4~ 122°F)
Charge Method(25 °C)	
Charge current:	Max. 0.80A; Recom. 0.32A
Float charge: 13.5-13.8V	recom. 13.8V(-18mV/ °C)
Equalize charge: 13.8-14.1V	recom. 14.1V(-24mV/ °C)
Cycle charge: 14.4-15.0V	recom. 14.7V(-30mV/ °C)

Standards

Executive standard GB/T 19639.1-2014

Applications

- ▶ UPS/EPS
- ▶ Power systems
- ▶ Telecommunications system
- ▶ Emergency lighting, Auto control system
- ▶ Solar/wind generating storage cyclic
- ▶ Other general purpose

Rated Capacity

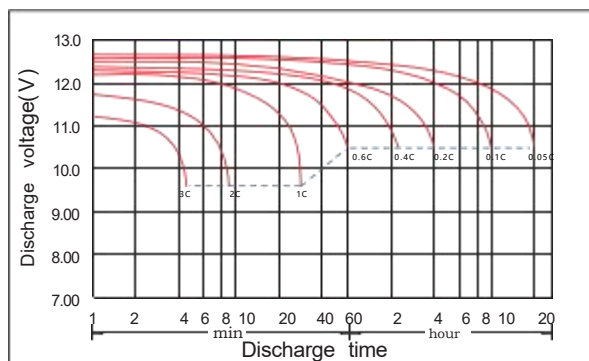
20Hour Rate (0.165A to 10.5V)	3.30Ah
3Hour Rate (0.83A to 10.2V)	2.49Ah
1Hour Rate (1.9A to 9.6V)	1.90Ah

Attain Certificate

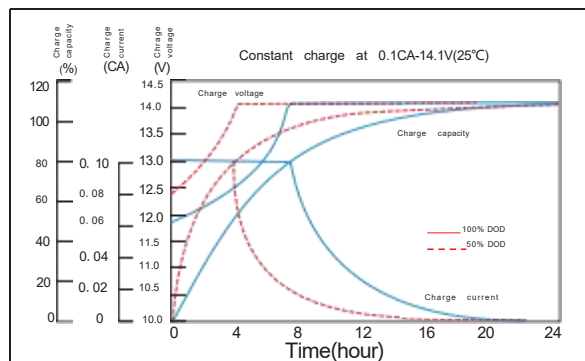
	RoHS
	

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

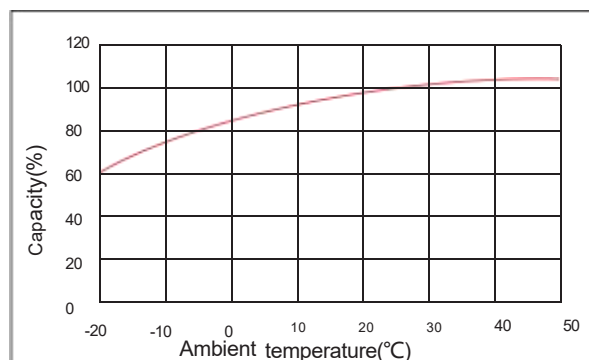
Discharge characteristic



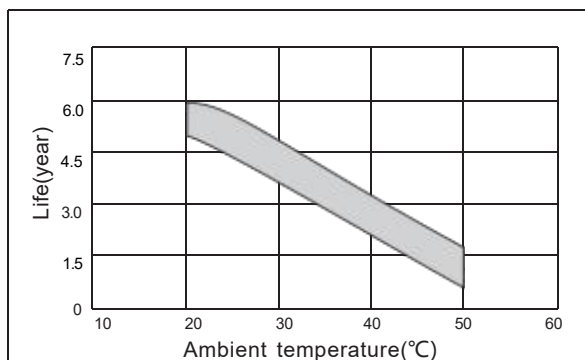
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



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

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	11.9	7.9	6.0	3.6	2.5	1.9	1.42	1.19	0.89	0.71	0.59	0.51	0.384	0.315	0.169
1.65V	11.2	7.6	5.7	3.4	2.4	1.9	1.37	1.15	0.87	0.69	0.58	0.50	0.379	0.310	0.168
1.70V	10.2	7.1	5.3	3.3	2.3	1.8	1.32	1.11	0.83	0.67	0.58	0.48	0.373	0.306	0.166
1.75V	9.2	6.7	5.1	3.1	2.2	1.8	1.27	1.07	0.82	0.65	0.56	0.47	0.368	0.302	0.165
1.80V	8.1	6.1	4.7	3.0	2.1	1.7	1.23	1.04	0.79	0.63	0.55	0.45	0.362	0.298	0.158
1.85V	6.4	5.0	3.9	2.6	1.9	1.5	1.12	0.95	0.73	0.59	0.53	0.43	0.339	0.280	0.149

ConstantPowerDischargeCharacteristics Unit:W/cell(25°C,77°F)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	19.7	13.5	10.4	6.5	4.8	3.7	2.80	2.25	1.71	1.35	1.14	0.98	0.749	0.618	0.326
1.65V	18.8	13.2	10.1	6.3	4.5	3.6	2.66	2.19	1.66	1.32	1.12	0.95	0.742	0.611	0.322
1.70V	17.5	12.6	9.6	6.0	4.3	3.5	2.58	2.12	1.61	1.29	1.09	0.92	0.733	0.603	0.318
1.75V	16.2	12.1	9.4	5.8	4.3	3.4	2.49	2.06	1.58	1.26	1.07	0.91	0.723	0.595	0.317
1.80V	14.5	11.1	8.8	5.6	4.1	3.2	2.42	2.01	1.54	1.23	1.04	0.89	0.714	0.587	0.312
1.85V	11.8	9.2	7.4	4.9	3.6	2.9	2.19	1.84	1.43	1.15	0.98	0.84	0.670	0.555	0.294