



The power for your life

UR12V-200AH

Specifications

Nominal Capacity

20 hour rate	(10.6A to 10.20V)	212Ah
10 hour rate	(20.4A to 10.20V)	204Ah
5 hour rate	(34.2A to 10.20V)	171Ah
1 C	(200A to 10.20V)	100Ah
3 C	(600A to 10.20V)	50Ah

Weight Approx. 66.5KG

Internal Resistance (at 1KHz) Approx. 2.8mΩ

Maximum Discharge Current for 5 seconds: 780 A

Maximum Charging Current : 19.5A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 14.4 to 15.0V

Coefficient -5.0mV/°C/cell

Standby use:

Float Charging Voltage 13.5 to 13.8V

Coefficient -3.0mV/°C/cell

Operating Temperature Range

Charge -15°C(5°F) to 40°C(104°F)

Discharge -15°C(5°F) to 50°C(122°F)

Storage -15°C(5°F) to 40°C(104°F)

Charge Retention (shelf life) at 20°C (68°F)

1 month 92%

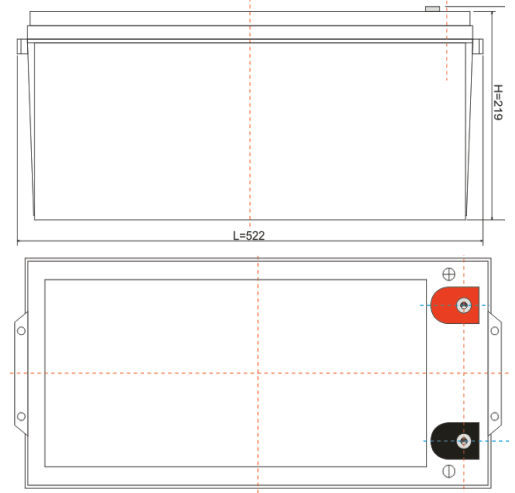
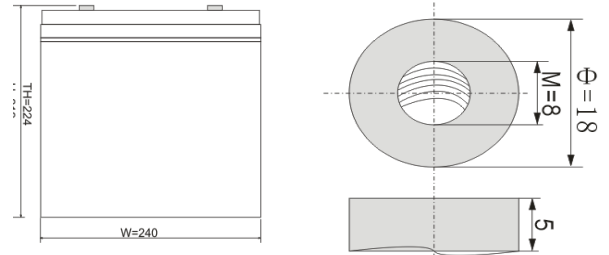
3 month 90%

6 month 80%

Option: Flammability resistance of (UL94 V-0) ABS

Terminal F4

Life Time 15Y

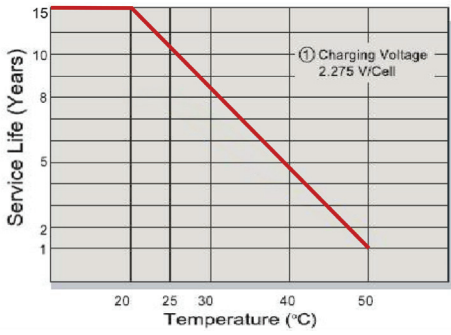


Dimensions

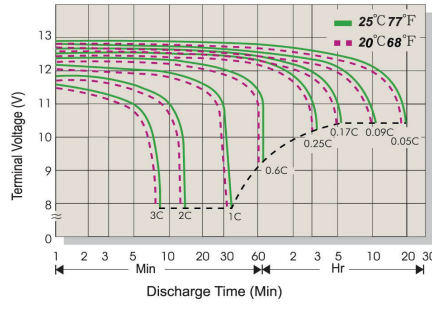
Length:	523mm (20.59inch)
Width:	240mm (9.45inch)
Height:	219mm (8.66inch)
Overall Height:	224mm (8.85inch)



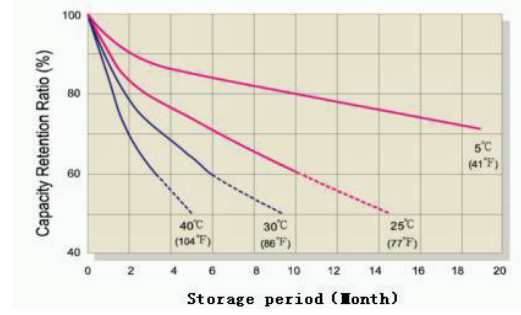
Tickle(or Float) Service Life



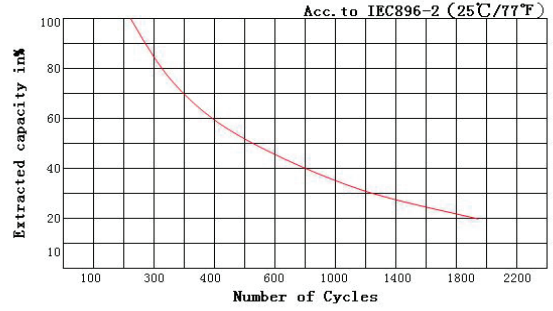
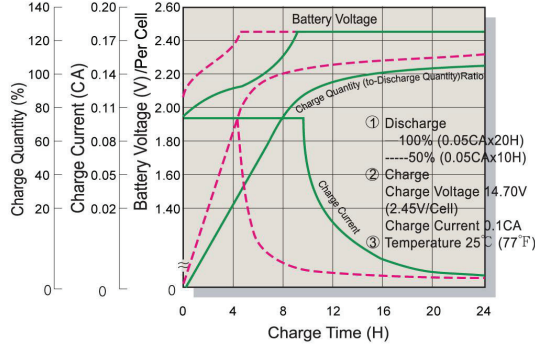
Terminal Voltage (V) and Discharge Time



Capacity Retention Characteristic



Battery Voltage and Charge Time for Cycle Use



Cycle Service Life

PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 25°C (77°F)

end voltage	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
9.6	5730	4548	3798	2580	1926	1560	882	618	482.4	402	345.6	277.8	238.8	130.2
9.9	5574	4446	3720	2538	1902	1548	876	612	480	400.2	344.4	276.6	237.6	129
10.02	5508	4404	3690	2520	1896	1542	876	612	479.4	399.6	343.8	276.6	237.6	128.4
10.2	5412	4344	3642	2496	1884	1530	876	612	477.6	398.4	343.2	276	237	127.8
10.5	5100	4134	3480	2418	1842	1500	864	606	473.4	394.8	340.8	273.6	235.2	126
10.8	4464	3720	3168	2256	1752	1440	846	590.4	463.8	388.2	335.4	270	231.6	124.8
11.1	3744	3204	2784	2052	1590	1332	786	558	441	367.8	315.6	253.8	216.6	121.2
11.4	2742	2418	2142	1638	1308	1104	696	499.2	385.8	319.2	276	217.2	187.8	117.6

Discharge Rates in Amperes to Various End Voltages at 25°C(77°F)

end voltage	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
9.6	543	422	340	220	160	127	75.5	54.6	42.9	35.6	30.7	24.1	19.9	21.7
9.9	525	409	331	215	158	126	74.7	54.2	42.6	35.4	30.6	24	19.9	21.5
10.02	517	404	328	214	157	125	74.5	54	42.5	35.4	30.5	24	19.9	21.4
10.2	506	396	322	211	155	125	74	53.7	42.4	35.3	30.5	24	19.8	21.3
10.5	468	370	304	202	151	122	72.6	52.8	41.8	34.9	30.2	23.8	19.7	21.0
10.8	393	319	269	185	141	116	69.7	51.1	40.8	34.3	29.8	23.5	19.5	20.8
11.1	319	269	232	171	130	104	63.3	47	37.6	31.7	27.4	21.8	17.9	20.2
11.4	229	201	177	134	104	88.4	54.4	39.7	31.5	26.4	22.5	17.8	15	19.6

