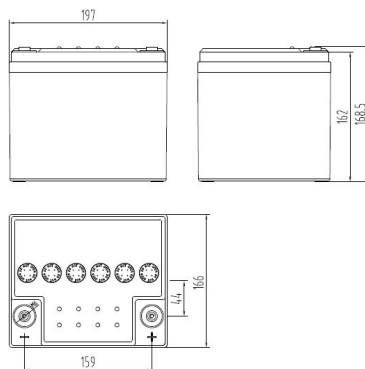




- Long battery life(12 years battery life at 20°C)
- Gel electrolyte, little water losing, no electrolyte stratification phenomenon
- High cyclic ability
- Deep discharge protected
- High Tin low Calcium alloy
- Easy installation and handling
- Less storage handling costs



ISO 9001:2008

ISO 14001:2004

GB/T28001:2001

Normal Voltage	12 V
Capacity	38 Ah @ 20hr to 1.75V/cell @ 25°C (77°F)
Weight	Approx. 13kg (28.6 lbs)
Internal Resistance (full charged)	Approx.15 mΩ @ 25°C (77°F)
Maximum Discharge Current	228A (5sec)
Self Discharge @ 25°C (77°F)	Less than 10 % after 90 days storage
Operating Temperature Range	Discharge: -20°C ~ +50°C (-4°F ~ 122°F) Charge: -20°C ~ +50°C (-4°F ~ 122°F) Storage: -20°C ~ +50°C (-4°F ~ 122°F)
Recommended Operating Temperature	15°C ~ 25°C (59°F ~ 77°F)
Maximum Charging Current Limited	9.5 A
Charging Voltage @ 25°C(77°F)	Float: 13.62 V, Temps coefficient -18 mV/°C Cycle: 14.4 V
Contain Materials	ABS (UL HB,UL V-0 optional)
Terminal	M6
Capacity Affected by Temperature	109 % @ 40°C 85% @ 0°C 49 % @ -20°C

APPLICABLE STANDARDS

- IEC 60896-2004
- JISC 8707-1992
- GB/T 19638.2-2005
- YD/T 799-2010
- DL/T 637-1997

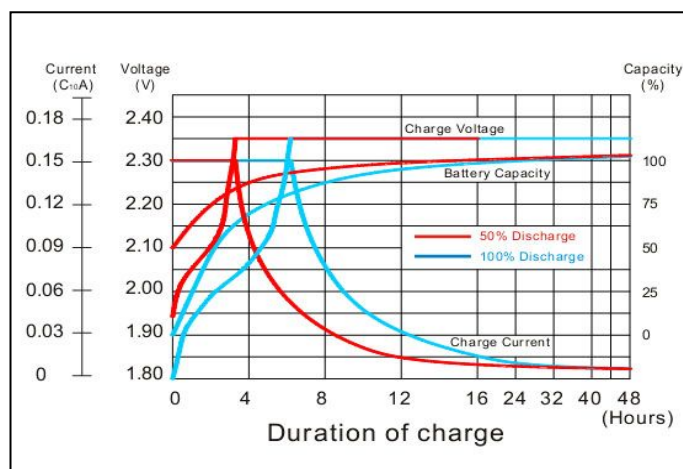
Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

Final Voltage	15m	30 m	60 m	120 m	180 m	240 m	300 m	360 m	480 m	600 m	720 m	1200 m
1.90V	45.2	32.1	21.0	12.1	8.8	7.1	6.0	5.2	4.1	3.4	2.9	1.8
1.87V	51.4	34.2	21.2	12.8	9.3	7.4	6.1	5.4	4.3	3.5	3.1	1.9
1.85V	55.6	36.8	23.3	13.2	9.4	7.4	6.2	5.4	4.3	3.5	3.1	2.0
1.80V	61.5	40.5	24.6	13.8	9.8	7.7	6.3	5.5	4.4	3.6	3.2	2.0
1.75V	65.2	42.5	25.1	14.1	9.9	7.8	6.4	5.6	4.4	3.6	3.2	2.0
1.70V	69.0	43.0	25.4	14.3	10.0	7.9	6.5	5.6	4.4	3.6	3.2	2.0

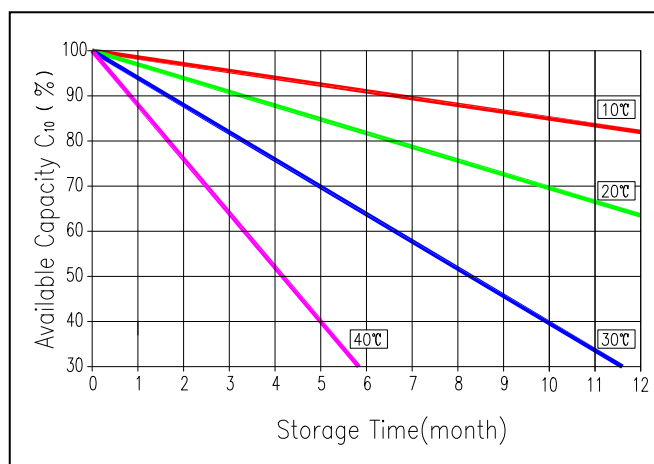
Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

Final Voltage	15m	30 m	60 m	120 m	180 m	240 m	300 m	360 m	480 m	600 m	720 m	1200 m
1.90V	88.7	63.4	42.0	24.2	17.8	14.3	12.1	10.5	8.3	6.8	6.0	3.8
1.87V	99.1	66.7	42.0	25.6	18.6	14.8	12.4	10.9	8.6	7.1	6.2	3.9
1.85V	106.2	71.6	46.2	26.3	18.9	15.0	12.4	11.0	8.7	7.2	6.3	4.0
1.80V	115.4	78.1	48.5	27.4	19.5	15.5	12.8	11.2	8.8	7.2	6.3	4.0
1.75V	122.9	81.4	49.3	27.9	19.8	15.6	12.8	11.2	8.8	7.2	6.3	4.0
1.70V	128.4	82.6	49.6	28.2	20.0	15.7	12.9	11.3	8.8	7.3	6.3	4.0

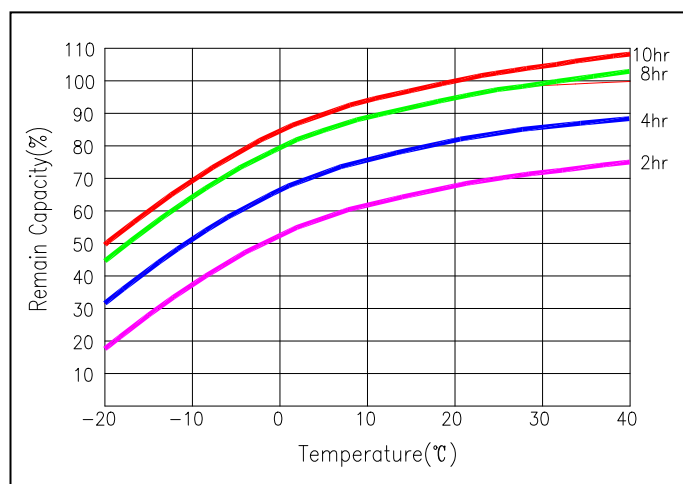
Constant Voltage Charge Characteristics



Curve of Self-discharge at Different Temperature



Capacity at Different Temperature



Wolong Electric Group Zhejiang Dengta Power Source Co., Ltd.

No.75 Haitang Road, Shaoxing, Zhejiang, P.R.China

Tel: +86-575-88649521

Fax: +86-575-88649528

Website: www.wldengta.com

E-mail: dengta@wolong.com

