

VRLA Battery Specification

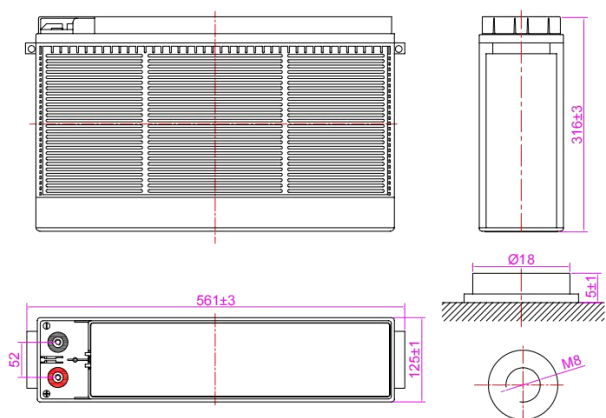


FRONT TERMINAL DEEP CYCLE Series

FT12-200G (12V200Ah 10hr/ 12V250Ah 100hr)



Layout



Specifications

Nominal Voltage	12 V
Nominal Capacity(C10)	200Ah(1.8V/cell@25°C)
Dimensions	561*125*316/16(mm)
Approx .Weight	57.1kg ±3%
Internal Resistance	Approx.3.2mΩ@25°C
Terminal	Φ18* M8
Operating Temperature Range	Discharge: -20°C ~ 55°C
	Charge: 0°C ~ 40°C
	Storage: -20°C ~ 55°C
Nominal Operating Temperature Range	25±3°C
Max. Charging Current	50.0A @25°C
Charging voltage(25°C)	Float: 2 .25V ~ 2 .30V/cell
	Temp.Coefficient: -3mV/°C
	Equalization: 2 .40V ~ 2 .45V/cell
	Temp.Coefficient: -4mV/°C
	Cycle: 2 .40V~2 .45V/cell
Effect of temperature to rated Capacity(C10)	Temp.Coefficient: -5mV/°C
	40°C 105%
	25°C 100%
	0°C 86%
Self Discharge	≤3%/month@ 25°C
Casing material	ABS(UL94 HB or V-0 optional)

Constant Current Discharge*(Amperes @25°C/77° F)

Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	414	329	226	117	81	58.4	44.9	36.7	24.6	21.2	11.0
10.20V	377	311	214	112	77.9	56.2	43.1	35.3	23.8	20.6	10.8
10.50V	354	279	205	109	74.8	53.9	41.4	33.8	23.5	20.3	10.6
10.80V	328	259	192	106	71.6	51.6	39.7	32.4	23.0	20.0	10.5
11.10V	297	239	173	99.8	64.7	47.1	36.7	30.4	21.6	18.8	10.0

Constant Power Discharge*(Watts/Unit @25°C/77° F)

Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	4294	3601	2532	1332	916	660	507	419	289	249	130
10.20V	4149	3401	2458	1258	896	646	496	410	280	242	127
10.50V	3968	2981	2370	1221	867	625	479	401	277	240	126
10.80V	3736	2760	2235	1185	838	604	465	392	271	236	125
11.10V	3449	2551	2040	1116	763	556	432	366	256	223	119



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FRONT TERMINAL Series

FT12-200 (12V200Ah 10hr/ 12V250Ah 100hr)

General Features

- 10 years design life(25℃)
- Self-discharge rate is extremely
- Wide range of operating temperature
- 100% Sealing and maintenance free
- Good conductivity
- Excellent charge acceptance

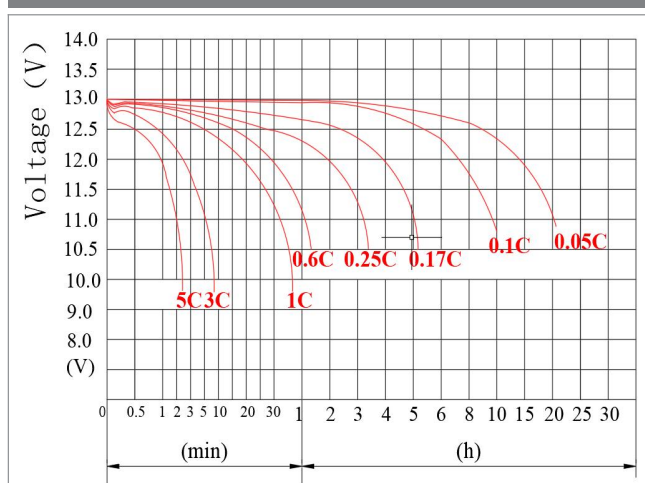
Applications

- Telecommunications
- UPS、Data Center
- Energy Storage、Electric Systems
- Emergency Lighting、Security
- Medical、Electronic Equipment
- Motive Power

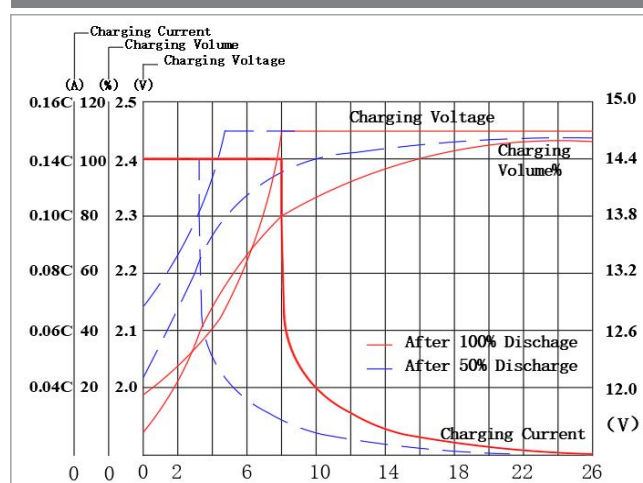
Standards

- Compliant with IEC60896, IEC61427, GB/T19638,YD/T1360-2015,YD/T799, DL/T637
- Certified for TLC, CE, RoHS and Reach compliance
- The company Aokly is certified under TS16949,OHSAS18001,SA8000, ISO9001, ISO14001,ISO45001 and ISO50001 management systems

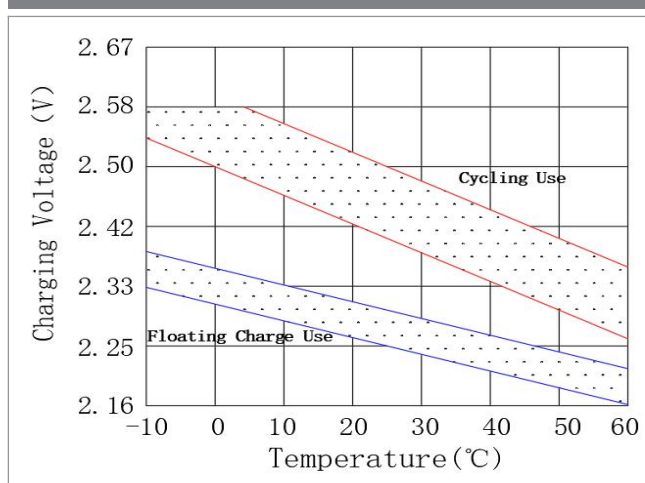
Discharge Characteristics(25℃)



Charging Characteristics(25℃)



Rel.The between Temp. and Charging Volt.



Capacity Retention Characteristics

