

VRLA Deepcycle Battery

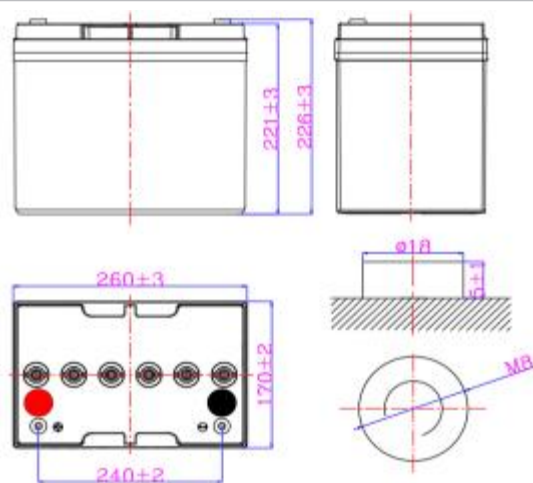
12V Series



6-GFM-70G (12V70Ah)



Layout



Specifications

Nominal Voltage	12 V
Nominal Capacity(C10)	70Ah(1.8V/cell@25°C)
Dimensions	260*170*221/226(mm)
Approx .Weight	21.5kg ±3%
Internal Resistance	Approx.6.8mΩ@25°C
Terminal	Φ18* M8
Operating Temperature Range	Discharge: -20°C ~ 55°C (-4 ~ 104°F)
	Charge: 0°C ~ 40°C (-4 ~ 104°F)
	Storage: -20°C ~ 55°C (-4 ~ 122°F)
Nominal Operating Temperature Range	25±3°C (77±5°F)
Max. Charging Current	17.5A @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 (104°F) 105%
	25°C (77°F) 100%
Self Discharge	0°C (32°F) 86%
	≤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	139	120	75.9	45.4	27.0	19.1	14.7	13.4	8.63	7.42	4.09
10.20V	126	112	71.6	43.7	25.9	18.4	14.3	12.9	8.35	7.21	4.00
10.50V	118	106	68.7	41.9	24.8	17.7	13.9	12.6	8.23	7.10	3.94
10.80V	110	98.9	64.4	39.7	23.8	17.0	13.6	12.3	8.07	7.00	3.90
11.10V	99.9	89.2	57.2	34.9	21.0	15.1	12.6	11.5	7.55	6.58	3.71

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

Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	1455	1323	850	513	305	216	173	157	102	87.2	48.3
10.20V	1387	1277	824	501	298	211	167	151	98.0	84.7	47.2
10.50V	1325	1215	793	486	288	203	163	149	97.1	83.8	46.7
10.80V	1249	1143	750	464	277	199	160	145	95.2	82.6	46.4
11.10V	1159	1044	675	412	247	185	148	135	89.4	78.0	44.3



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General Features

- 12 years design life(25℃)
- Excellent consistency
- High reliability
- Low self -dischar
- Good recovery from deep discharge

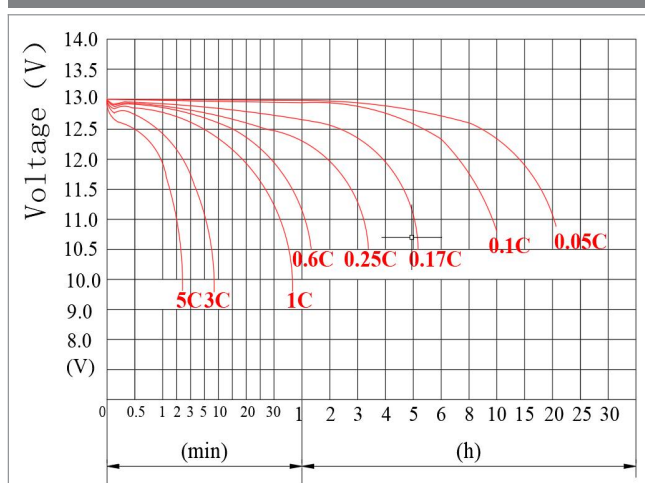
Applications

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

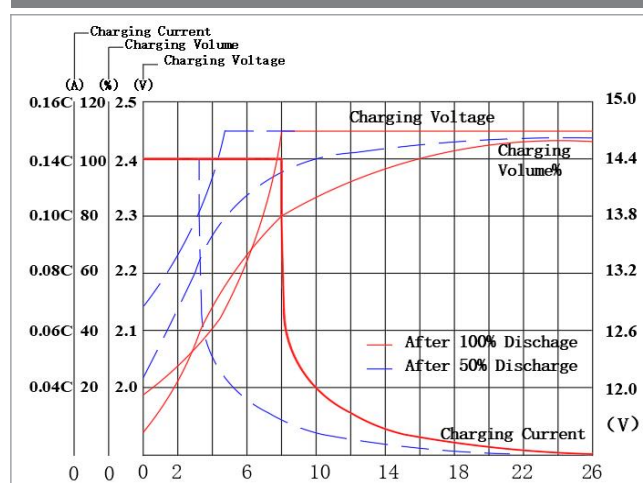
Standards

- 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

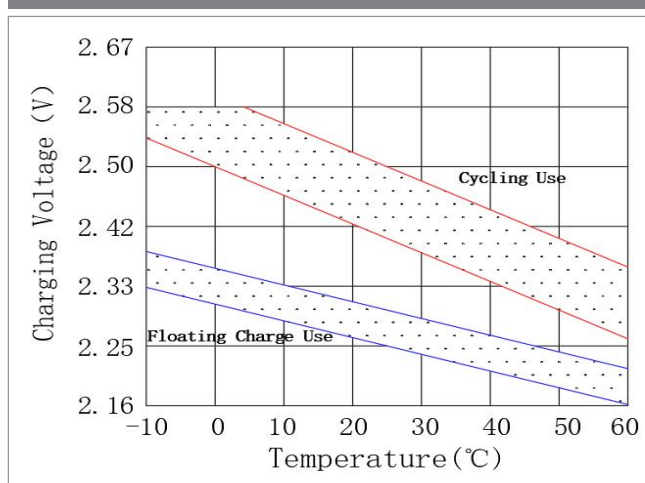
Discharge Characteristics(25℃)



Charging Characteristics(25℃)



Rel.The betweenTemp. and Charging Volt.



Capacity Retention Characteristics

