

VRLA Deepcycle Battery

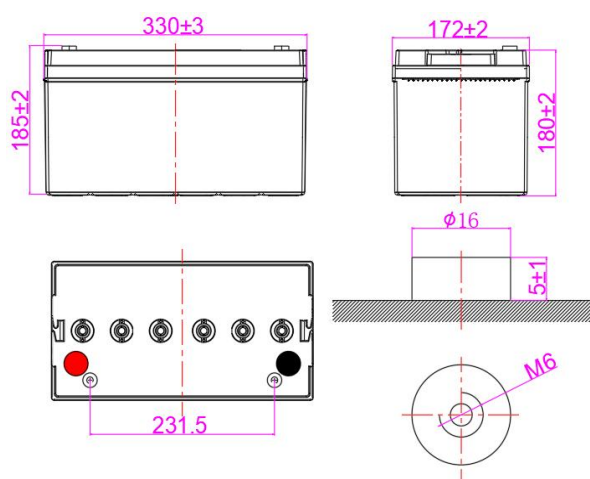
12V Series



6-GFM-65G (12V65Ah)



Layout



Specifications

Nominal Voltage	12 V
Nominal Capacity(C10)	65Ah(1.8V/cell@25°C)
Dimensions	330*172*180/185(mm)
Approx .Weight	20.3kg ±3%
Internal Resistance	Approx.6.7mΩ@25°C
Terminal	Φ16* M6
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	16.25A @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	136	114	75.2	45.1	26.0	18.2	14.2	12.3	7.93	6.89	3.67
10.20V	123	107	70.9	43.5	25.0	17.6	13.6	11.3	7.67	6.69	3.59
10.50V	116	101	68.0	41.6	24.0	16.9	13.0	10.8	7.56	6.60	3.53
10.80V	107	94.5	63.8	39.5	23.1	16.2	12.4	10.4	7.41	6.50	3.50
11.10V	98.0	85.3	56.7	34.7	20.3	14.4	11.3	9.36	6.93	6.11	3.32

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

Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	1422	1264	842	510	293	207	160	140	118	78.9	43.3
10.20V	1358	1220	815	500	288	203	156	130	90.2	77.3	42.4
10.50V	1300	1161	783	483	278	195	151	126	89.2	77.2	41.8
10.80V	1218	1091	743	463	269	189	146	123	87.4	76.7	41.6
11.10V	1134	997	669	410	239	170	133	111	82.1	72.4	39.7



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General Features

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

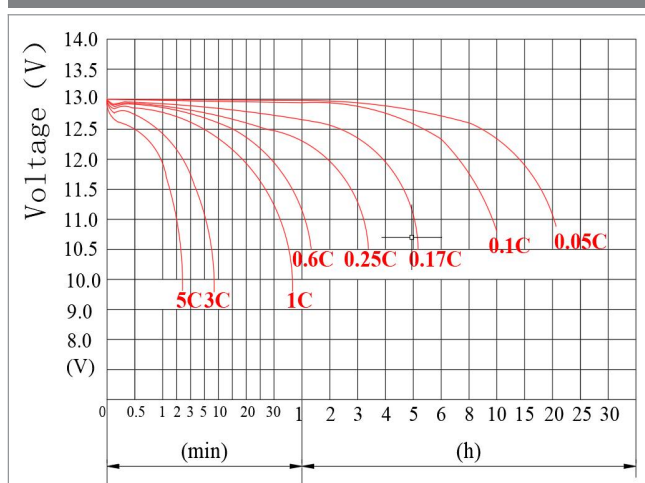
Applications

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

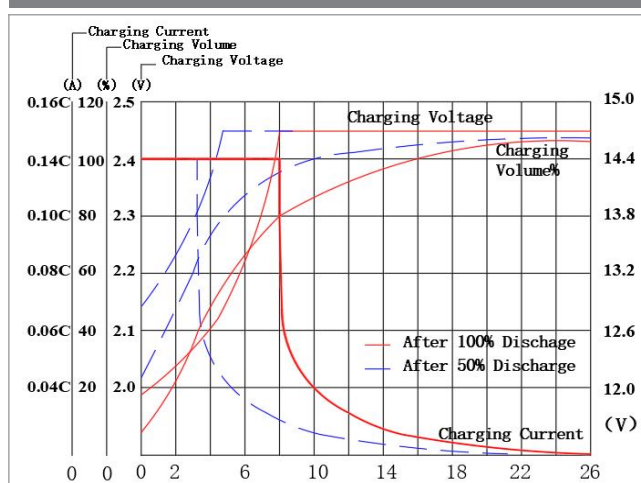
Standards

- 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

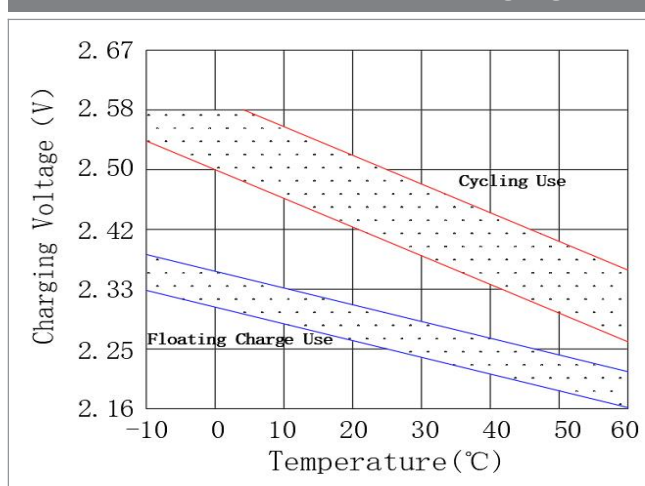
Discharge Characteristics(25℃)



Charging Characteristics(25℃)



Rel.The betweenTemp. and Charging Volt.



Capacity Retention Characteristics

