

Especificaciones

Nominal Voltage	12V
Number of cell	6
Nominal Capacity	45Ah@10hr-rate (4.5A to 1.80V/cell @25°C)
Weight	Approx. 13.2Kg
Terminal	M6, Ø=14
Container Material	ABS (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.
Rated Capacity	46.4Ah 20hr-rate (2.32A to 1.80V/cell @25°C) 45Ah 10hr-rate (4.5A to 1.80V/cell @25°C) 38Ah 5hr-rate (7.7A to 1.75V/cell @25°C) 29Ah 1hr-rate (29A to 1.60V/cell @25°C)
Max. Discharge Current	550A(5sec)
Internal Resistance	Approx. 8.5mΩ(Fully charged)
Operating Temp. Range	Discharge: -20°C~50°C Charge : -10°C~50°C Storage : -20°C~40°C
Cycle Use	Charging Current: ≤13.5A Voltage: 14.6V~14.8V Temperature compensation: -30mV/°C
Standby Use	Charging Current: No limit Voltage: 13.6V~13.8V Temperature compensation: -20mV/°C
Self-Discharge	less than 3% at 25°C
Design Life	12 years (floating charge)

Ventajas

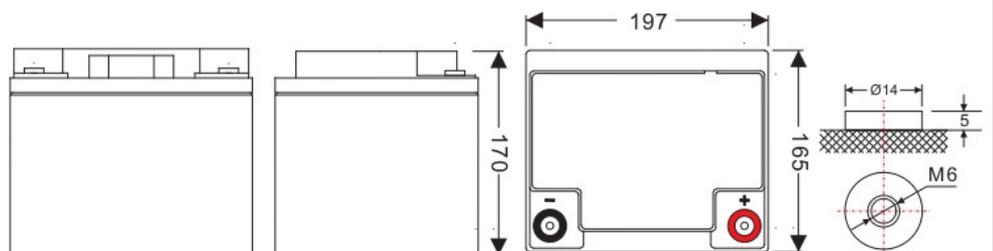
- >> super deep cycle design for renewable power
- >> excellent deep cycle discharge performance
- >> thick plate to ensure longer life cycles
- >> high power density
- >> Strong recovery ability from deep discharge
- >> 12 years design life

Aplicaciones

- >> Alarm Systems
- >> Uninterruptible Power System
- >> Data Center
- >> Emergency lighting Systems
- >> Security System & Fire
- >> Power Tools

Dimensiones

Length	197±1mm (7.76 inches)
Width	165±1mm (6.50 inches)
Height	170±1mm (6.69 inches)
Total Height	172±1mm (6.69 inches)



Unit: mm

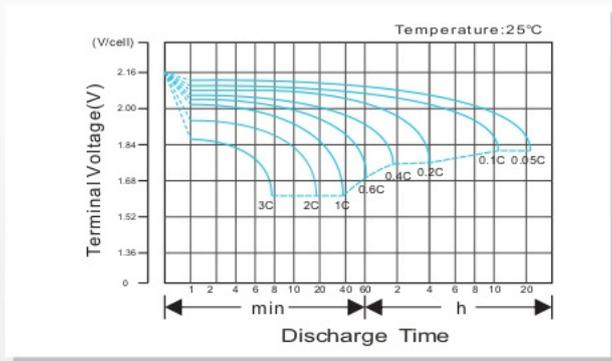
Características de descarga de corriente constante A (25°C)

F. V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V/cell	141.52	104.20	80.03	51.75	29.25	16.34	11.75	9.72	7.96	5.59	4.73	2.50
1.65V/cell	137.43	99.14	78.39	50.90	29.12	16.22	11.70	9.68	7.91	5.54	4.68	2.45
1.70V/cell	133.36	95.64	77.16	50.45	28.85	16.09	11.61	9.63	7.86	5.50	4.64	2.41
1.75V/cell	119.75	88.26	73.46	49.19	28.58	15.97	11.57	9.54	7.77	5.45	4.59	2.36
1.80V/cell	108.09	80.48	67.72	47.03	27.90	15.68	11.25	9.32	7.63	5.36	4.54	2.32
1.85V/cell	94.09	71.93	60.74	44.06	26.51	14.99	10.76	8.87	7.30	5.14	4.41	2.18

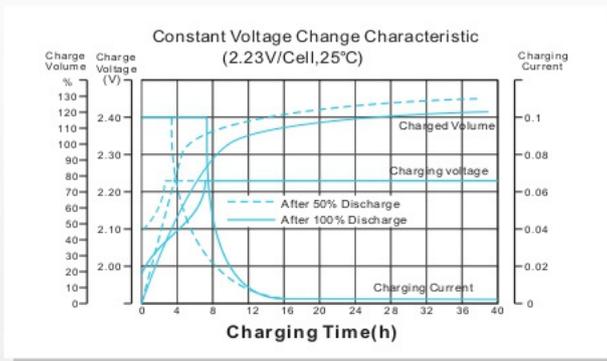
Características de descarga de potencia constante W (25°C)

F. V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V/cell	1380.40	1030.47	861.15	554.81	334.53	187.96	135.54	112.32	92.10	64.86	53.14	28.07
1.65V/cell	1343.49	984.23	843.26	547.88	332.91	187.22	135.27	112.05	91.54	64.59	52.60	27.80
1.70V/cell	1303.06	951.44	831.81	541.47	330.48	185.50	134.46	111.51	91.26	64.05	52.33	27.53
1.75V/cell	1173.38	879.14	793.16	529.16	327.24	183.78	133.65	110.70	90.42	63.50	51.78	27.25
1.80V/cell	1055.48	798.23	728.75	505.05	319.14	181.08	130.41	107.73	89.01	62.14	51.24	26.98
1.85V/cell	911.09	708.91	650.75	473.24	302.40	172.73	123.93	102.60	84.52	59.96	49.60	25.89

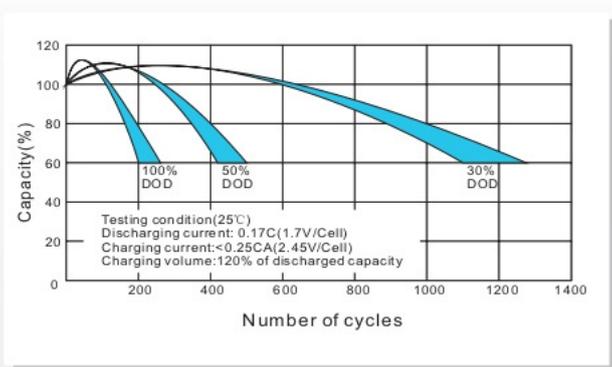
Curva de características de descarga



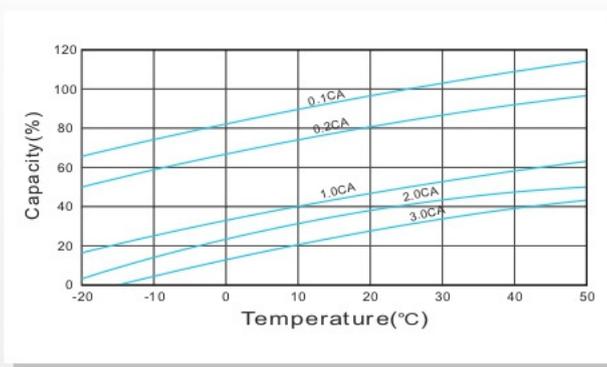
Curva de características de carga



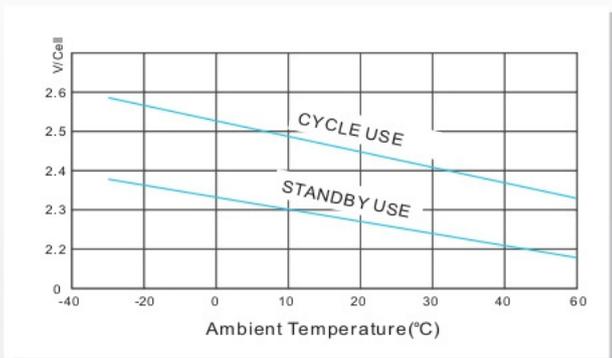
Ciclo de vida en relación con la profundidad de descarga



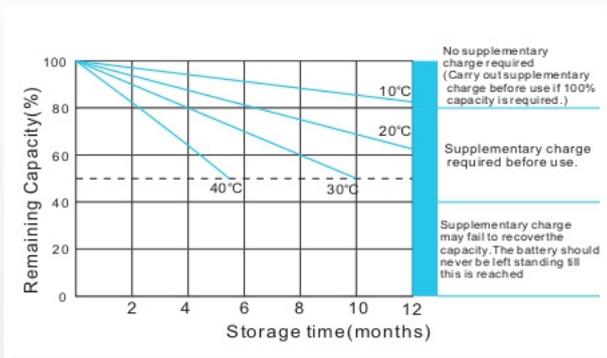
Efectos de la temperatura en la capacidad



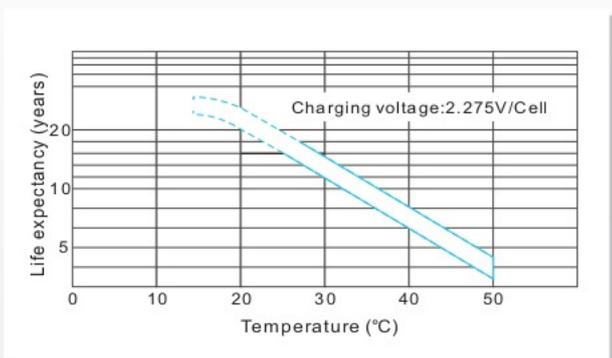
Relación entre el voltaje de carga y la temperatura



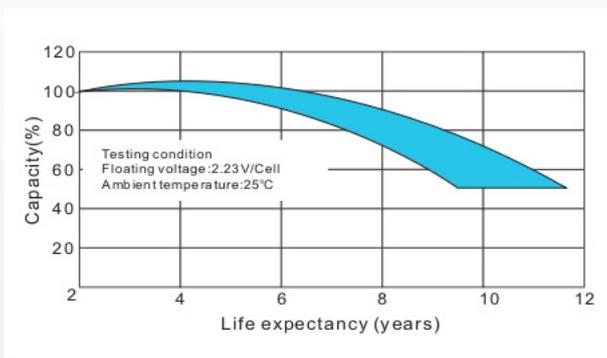
Características de autodescarga



Efectos de la temperatura en la vida del flotador



Características de vida de uso en Standby



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