

Código: **BAT-12V5AH-KA**



BAT 12V 5AH



Descripción

- Tensión nominal: 12V.
- Capacidad nominal: 5.0 Ah.
- Vida del diseño: 5 años.
- Terminal: F2.
- Peso aproximado: Approx 1.46kg.
- Material del container: ABS.
- Corriente de cortocircuito: 250A.
- Resistencia interna: 48.0 mΩ.
- Autodescarga: 3% de capacidad disminuida por mes a 25°C.
- Temperatura de funcionamiento: (Descarga: -20 ~50°C(-4 ~ 122°F)) - (Carga: -20 ~50°C(-4 ~ 122°F)) - (Almacenamiento: -20 ~50°C(-4 ~ 122°F)).
- Corriente de carga: Max. 1.25A; Recom. 0.50A.
- Carga flotante: 13.5-13.8V /
- recom. 13.8V(-18mV/°C).
- Igualar carga: 13.8-14.1V / recom. 14.1V(-24mV/°C).
- Carga de ciclo: 14.4-15.0V / recom. 14.7V(-30mV/°C).
- Estándares: Norma ejecutiva GB/T 19639.1-2014.
- Capacidad nominal:
 - 20Hour Rate (0.250A to 10.5V) - 5.00Ah
 - 3Hour Rate (1.17A to 10.2V) - 3.51Ah.
 - 1Hour Rate (3.22A to 9.6V) - 3.22Ah.

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

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	18.9	14.7	9.72	5.86	3.54	3.22	2.31	1.73	1.20	0.944	0.871	0.709	0.572	0.484	0.253
1.65V	16.6	13.0	9.23	5.54	3.50	3.07	2.20	1.72	1.19	0.934	0.866	0.704	0.567	0.479	0.252
1.70V	15.5	12.2	9.14	5.40	3.46	3.00	2.16	1.71	1.17	0.925	0.856	0.695	0.563	0.475	0.251
1.75V	13.9	11.1	9.04	5.22	3.43	2.91	2.09	1.69	1.16	0.915	0.846	0.690	0.558	0.470	0.250
1.80V	12.3	10.0	8.26	4.99	3.39	2.80	2.01	1.65	1.15	0.905	0.827	0.680	0.553	0.465	0.249
1.85V	10.9	8.98	7.48	4.39	3.28	2.53	1.82	1.57	1.08	0.876	0.783	0.660	0.533	0.450	0.244

Constant Power Discharge Characteristics Unit: W/cell (225°C,77°F)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	30.2	23.5	19.0	11.5	6.93	6.33	4.55	3.41	2.36	1.86	1.72	1.40	1.13	0.959	0.502
1.65V	27.7	21.7	18.0	10.9	6.86	6.03	4.34	3.39	2.34	1.84	1.71	1.39	1.12	0.949	0.500
1.70V	26.3	20.8	17.8	10.6	6.79	5.91	4.25	3.37	2.30	1.82	1.69	1.37	1.11	0.940	0.497
1.75V	24.2	19.4	17.6	10.2	6.71	5.71	4.11	3.32	2.29	1.80	1.67	1.36	1.10	0.930	0.495
1.80V	22.2	18.0	16.1	9.77	6.65	5.52	3.96	3.26	2.26	1.78	1.63	1.34	1.09	0.920	0.493
1.85V	20.1	16.6	14.7	8.66	6.47	5.01	3.60	3.10	2.15	1.73	1.55	1.31	1.06	0.896	0.488