

Código: **BAT-12V5AH-KA**



BAT 12V 5AH



Descripción

- Tensión nominal: 12V.
- Capacidad nominal: 5 Ah.
- Dimensiones (mm): Longitud (90±1mm), Ancho (70±1mm), Altura del Contenedor (101±2mm), Altura total (107±2mm).
- Peso Aprox: 1.39 Kg.
- Terminal: T1/T2.
- Material del contenedor: ABS.
- Capacidad nominal:
 - 5.00 - C20(0.250A,1.75V/cell).
 - 4.65 - C10(0.465A,1.75V/cell).
 - 4.25 - C5(0.850A,1.75V/cell).
 - 3.75 Ah - C3(1.25A,1.75V/cell).
 - 2.89 Ah - C1(2.89A,1.67V/cell).
- Resistencia interna (25°C): 48mΩ.
- Rango de temperatura de funcionamiento:
- Descarga (-15~50C (5~122F)) / Charge (-20~40C (-4~104F)) / Storage (-15~40C (5~104F)).
- Rango de temperatura nominal de funcionamiento: 25±3C (77±5F).
- Uso del ciclo: Corriente de carga inicial inferior a 50 A. 1. Voltaje: 14,4 V~15,0 V a 25 °C (77 °F). Coeficiente de temperatura: -30 mV/C.
- Uso en espera: Corriente de carga inicial inferior a 50 A. 1. Voltaje: 13,5 V~13,8 V a 25 °C (77 °F). Coeficiente de temperatura: -20 mV/C.
- Efecto de la temperatura sobre la capacidad:
 - 40°C (104°F) / 103%.
 - 25°C (77°F) / 100%.
 - 0°C (32°F) / 86%.

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Constant Current Discharge (Amperes) at 25° C (77°F)

V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
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80V/cell	13.5	9.65	7.57	6.12	4.63	3.38	2.76	2.08	1.73	1.23	0.987	0.839	0.717	0.563	0.459	0.247
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70V/cell	15.7	10.6	8.12	6.49	4.85	3.51	2.86	2.15	1.79	1.27	1.01	0.861	0.736	0.577	0.471	0.252
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60V/cell	17.8	11.5	8.67	6.86	5.07	3.65	2.96	2.22	1.84	1.30	1.04	0.883	0.754	0.591	0.481	0.257

Constant Power Discharge (Watts/cell) at 25° C (77°F)

V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
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80V/cell	25.6	18.3	14.5	11.7	8.91	6.54	5.35	4.05	3.38	2.42	1.94	1.65	1.42	1.12	0.912	0.494
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70V/cell	29.3	19.9	15.4	12.3	9.25	6.74	5.51	4.16	3.47	2.48	1.99	1.69	1.45	1.14	0.933	0.504
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60V/cell	32.8	21.4	16.2	12.9	9.59	6.95	5.66	4.26	3.55	2.54	2.03	1.73	1.48	1.17	0.953	0.515