

Código: **BAT-12V100AH-KA**



BAT 12V 100AH



Descripción

- Tensión nominal: 12V.
- Capacidad nominal: 100 Ah.
- Dimensiones (mm): Longitud (394mm), Ancho (110mm), Altura del Contenedor (286mm), Altura total (286mm).
- Peso Aprox: 31.5 Kg.
- Terminal: T6(M6).
- Material del contenedor: ABS.
- Resistencia interna (25°C): Approx 8 mΩ.
- Rango de temperatura de funcionamiento: Descarga (-40~65°C (-40~149°F)) / Charge (-20~45°C (-4~113°F)) / Storage (-20~50°C (-4~122°F)).
- Rango de temperatura nominal de funcionamiento: 25±10°C (77±18°F).
- Voltaje de carga: Uso en espera (Uso del ciclo),
- 2.23-2.27V/cell / 2.35-2.40V/cell.
- Coeficiente de temperatura: -3mV/cell/°C / -5mV/cell/°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 35°C (95°F)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	83.6	62.4	52.7	31.6	23.9	19.0	15.9	13.8	11.2	9.37	5.02
1.80V/cell	94.5	69.7	58.3	34.4	25.8	20.5	17.1	14.8	12.0	10.0	5.25
1.75V/cell	98.8	72.6	60.5	35.5	26.5	21.0	17.5	15.1	12.2	10.2	5.32
1.70V/cell	103.1	75.3	62.7	36.6	27.3	21.5	17.9	15.4	12.4	10.3	5.39
1.67V/cell	105.7	77.0	64.0	37.2	27.7	21.8	18.1	15.6	12.6	10.4	5.46
1.60V/cell	111.7	81.0	67.1	38.8	28.7	22.6	18.7	16.0	12.9	10.6	5.57

Constant Power Discharge (Watts/cell) at 35°C (95°F)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	161.5	120.9	102.4	61.8	46.8	37.4	31.3	27.2	22.1	18.5	10.0
1.80V/cell	181.1	134.2	112.6	66.9	50.4	40.1	33.6	29.1	23.7	19.8	10.5
1.75V/cell	187.7	138.6	115.9	68.6	51.5	41.0	34.2	29.6	24.0	20.0	10.7
1.70V/cell	194.2	142.8	119.4	70.4	52.8	41.9	34.9	30.2	24.4	20.3	10.8
1.67V/cell	198.0	145.2	121.3	71.3	53.4	42.3	35.3	30.5	24.6	20.5	10.9
1.60V/cell	206.5	151.1	126.0	73.8	55.1	43.5	36.2	31.2	25.1	20.9	11.0