

BAT 12V 140AH



Descripción

- Tensión nominal: 12V.
- Capacidad nominal: 140 Ah.
- Dimensiones (mm): Longitud (345±2mm), Ancho (172±2mm), Altura del Contenedor (274±2mm), Altura total (280±2mm).
- Peso Aprox: 42.10 Kg.
- Terminal: M8.
- Material del contenedor: ABS.
- Capacidad nominal:
 - 144.0Ah - (20hr,7.20A,1.80V/cell).
 - 140.0 Ah - (10hr,14.0A,1.80V/cell).
 - 125.0 Ah - (5hr,25.0A,1.75V/cell).
 - 113.7 Ah - (3hr,37.9A,1.75V/cell).
 - 87.5 Ah - (1hr,87.5A,1.60V/cell).
- Resistencia interna (25°C): Approx 4.5mΩ.
- Rango de temperatura de funcionamiento:
 - Descarga (-15~50°C (5~122°F)) / Charge (-20~40°C (-4~104°F)) / Storage (-15~40°C (5~104°F)).
 - Rango de temperatura nominal de funcionamiento: 25±3°C (77±5°F).
 - Uso del ciclo: Initial Charging Current less than 40.5A. Voltage / 14.4V~15.0V at 25° C(77° F)Temp. Coefficient -30mV/°C.
 - Uso en espera: Initial Charging Current less than 40.5A. Voltage / 13.5V~13.8V at 25° C(77° F) Temp. Coefficient -20mV/°C.
 - Efecto de la temperatura sobre la capacidad:
 - 40°C (104°F) / 103%.
 - 25°C (77°F) / 100%.
 - 0°C (32°F) / 86%.

Código: BAT-12V140AH-KA



BAT 12V 140AH



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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	279.8	198.9	172.5	135.6	123.7	90.5	76.6	55.5	46.7	34.3	26.9	23.3	20.6	15.8	13.1	6.95
1.80V/cell	318.2	225.8	195.4	153.3	134.7	95.9	79.4	57.4	48.2	37.2	28.7	24.5	22.1	16.6	14.0	7.20
1.75V/cell	345.6	244.9	211.6	165.5	137.5	99.3	83.3	60.4	50.8	37.9	29.2	25.0	22.3	16.7	14.1	7.28
1.70V/cell	369.4	261.1	224.7	175.5	140.2	101.3	85.0	61.6	51.8	38.6	29.7	25.4	22.4	17.0	14.2	7.35
1.67V/cell	382.3	269.3	231.3	180.3	142.3	102.8	86.2	62.5	52.5	39.0	30.2	25.9	22.5	17.2	14.3	7.44
1.60V/cell	395.9	278.6	238.4	184.9	144.3	104.3	87.5	63.4	53.3	39.4	30.6	26.3	22.6	17.4	14.4	7.53

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	511.8	366.6	319.9	252.7	236.5	174.0	148.3	107.7	90.8	67.0	52.7	45.9	40.6	31.4	26.1	13.8
1.80V/cell	572.5	410.1	357.8	282.7	255.4	183.1	152.7	110.8	93.4	72.3	56.1	48.1	43.5	32.9	27.2	14.3
1.75V/cell	611.0	437.7	381.9	301.7	258.6	188.6	159.5	116.0	97.9	73.5	56.9	48.8	43.7	33.0	27.5	14.4
1.70V/cell	642.4	460.1	401.5	317.2	261.6	191.1	161.9	117.8	99.4	74.7	57.7	49.5	43.8	33.5	27.7	14.6
1.67V/cell	652.8	467.6	408.0	322.3	263.5	192.8	163.3	118.9	100.5	75.1	58.4	50.3	43.9	33.9	28.0	14.7
1.60V/cell	662.0	474.1	413.7	326.8	264.6	193.7	164.5	119.9	101.3	75.4	58.8	50.8	44.1	34.2	28.3	14.9