

Batteri HZB 12-44



Ventilregulert blybatteri

Egenskaper

- Fullstendig vedlikeholdsfri med forseglet kapsling som eliminerer behovet for etterfylling av vann.
- Elektrolytt av analytisk kvalitet
- Ingen lekkasjer
- Ventilregulert, maksimalt internt trykk 2.5 psi
- ABS plast kapsling
- FAA og IATA godkjent
- Bygget etter IEC 896-2, DIN 43434, BS 6290 Pt4, Eurobat.

Spesifikasjoner

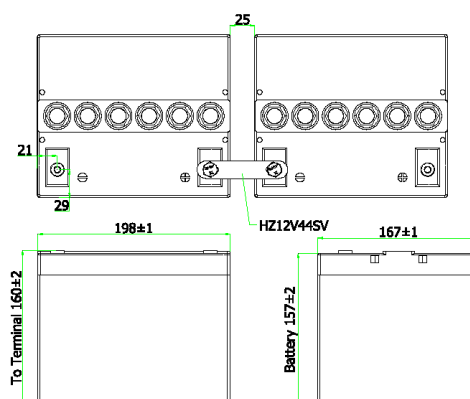
Nominell spenning	12 volt
Nominell kapasitet	48Ah (C20 @ 20 °C)
Brukstemperatur	-20 °C til 50 °C
Nettlegering	Kalsium / Tin
Plater	Flatt limt
Adskiller	Absorberende glassmatte
Kapsling	ABS plastikk
Ladespenning	Flytende 2.25 – 2.30 VPC @25 °C Max 2.4 VPC Maks rippel 0.05C (A)
Elektrolytt	Svovelsyre med analytisk renhetskarakter
Utluftingsventil	EPDM gummi, 1.5 – 2 psi (10.5 – 14 kPa) frigjøringstrykk. Frigjør ved 1 psi (7 kPa)
Terminaler	14mm M6 innføringsgjenger. Epoksy forseglet
Moment	Anbefalt momentverdi er 5-7 Nm

Specifications

Nominal Voltage		12V	
Nominal Capacity		48 Ah	
Dimensions	Total Height	157 mm	6.18 inches
	(Inc. terminals)	n/a mm	n/a inches
	Length	198 mm	7.80 inches
	Width	167 mm	6.57 inches
Weight		13.8 Kg	30.50 lbs

Characteristics

Capacity 20-25 °C (68-77 °F) To 1.7 volts	20 hour rate	48.6 Ah
	10 hour rate	46.8 Ah
	5 hour rate	42.6 Ah
	1 hour rate	31.1 Ah
	15 min rate	22.8 Ah
Internal Resistance		5.2 mOhms
	Impedance	670 S
Capacity correction for Temperature Variations (C20)	40 °C (104 °F)	102%
	20 °C (68 °F)	100%
	0 °C (32 °F)	85%
	-15 °C (5 °F)	65%
Self-Discharge 20 °C (68 °F)	Capacity after 1 months storage	98%
	Capacity after 3 months storage	94%
	Capacity after 6 months storage	86%
Short Circuit Current 20 °C (68 °F)	1400	
Terminal	Standard	14mm Insert M6 thread
	Optional	Cu / Lead Flag - Auto
Charging (Constant Voltage)	Cyclic	2.35 - 2.40 VPC (20-25 °C)
	Float	2.27 - 2.30 VPC (15-25 °C)



Constant Power Discharge - Watts per Cell @ 20-25 °C

End V per Cell	5M	10M	15M	20M	25M	30M	35M	40M	45M	60M	90M	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
1.85	309	183	138	115	100	90.2	81.7	74.7	68.7	54.8	39.5	31.3	22.4	17.7	14.7	12.6	11.0	9.83	8.10	6.85	4.24
1.80	330	195	148	123	107	96.4	87.3	79.8	73.4	58.5	42.2	33.5	24.0	18.9	15.7	13.5	11.8	10.5	8.65	7.32	4.53
1.75	351	208	157	131	114	103	92.8	84.9	78.1	62.3	44.9	35.6	25.5	20.1	16.7	14.4	12.5	11.2	9.20	7.79	4.82
1.70	359	212	160	134	117	105	94.9	86.7	79.8	63.6	45.9	36.4	26.1	20.6	17.1	14.7	12.8	11.4	9.40	7.96	4.93
1.67	362	214	162	135	118	106	95.7	87.5	80.5	64.2	46.3	36.7	26.3	20.8	-	-	-	-	-	-	-
1.65	364	215	163	136	118	106	96.1	87.9	80.8	64.5	46.5	36.8	26.4	20.8	-	-	-	-	-	-	-
1.60	367	217	164	137	119	107	97.0	88.7	81.6	65.1	46.9	37.2	26.7	21.0	-	-	-	-	-	-	-

Constant Amps Discharge - Amps @ 20-25 °C

End V per Cell	5M	10M	15M	20M	25M	30M	35M	40M	45M	60M	90M	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
1.85	162	104	78.4	63.9	53.9	46.6	41.2	37.1	33.7	26.8	19.4	15.3	11.1	8.81	7.33	6.29	5.53	4.91	4.03	3.40	2.09
1.80	173	111	83.7	68.2	57.6	49.8	44.1	39.6	36.0	28.6	20.7	16.4	11.8	9.41	7.83	6.72	5.90	5.25	4.30	3.63	2.23
1.75	184	118	89.1	72.6	61.3	53.0	46.9	42.1	38.3	30.4	22.0	17.4	12.6	10.0	8.33	7.15	6.28	5.58	4.58	3.86	2.38
1.70	188	121	91.0	74.2	62.6	54.2	47.9	43.0	39.1	31.1	22.5	17.8	12.9	10.2	8.52	7.31	6.42	5.70	4.68	3.95	2.43
1.67	190	122	91.8	74.8	63.2	54.6	48.3	43.4	39.5	31.3	22.7	18.0	13.0	10.3	-	-	-	-	-	-	-
1.65	191	122	92.2	75.1	63.4	54.8	48.5	43.6	39.6	31.5	22.8	18.0	13.0	10.4	-	-	-	-	-	-	-
1.60	193	123	93.1	75.8	64.0	55.4	49.0	44.0	40.0	31.8	23.0	18.2	13.1	10.5	-	-	-	-	-	-	-

Ampere Hour @ 20-25 °C

End V per Cell	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
1.85	30.7	33.2	35.2	36.7	37.8	38.7	39.3	40.3	40.8	41.8
1.80	32.8	35.5	37.6	39.2	40.3	41.3	42.0	43.0	43.6	44.7
1.75	34.8	37.7	40.0	41.7	42.9	44.0	44.6	45.8	46.4	47.5
1.70	35.6	38.6	40.9	42.6	43.9	44.9	45.6	46.8	47.4	48.6
1.67	35.9	38.9	41.3	-	-	-	-	-	-	-
1.65	36.1	39.0	41.4	-	-	-	-	-	-	-
1.60	36.4	39.4	41.8	-	-	-	-	-	-	-

**UL Recognised
Component
MH28512**



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