

# Batteri HZB 12-33



**Ventilregulert bly batteri**

## 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

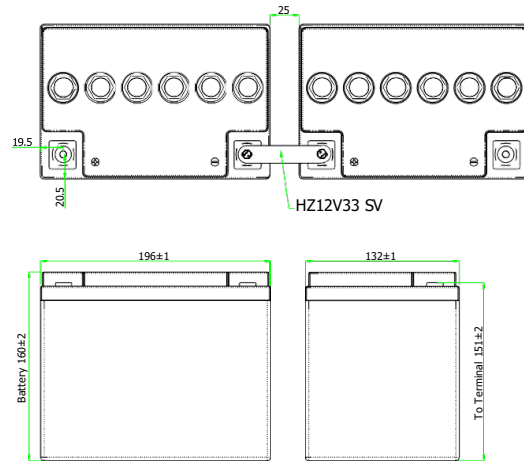
Nominell spenning	12 volt
Nominell kapasitet	38,8Ah (C20 @ 20 °C)
Brukstemperatur	-20 °C til 50 °C
Nettlegering	Kalsium / Tin
Plater	Flatt limt
Adskiller	Absorberende glassmatte
Kapsling	ABS plastikk
Ladespenning	Flytende 2.25 – 2.30 VPC @25 °C Max 2.4 VPC Maks rippel 0.05C (A)
Elektrolytt	Sovelsyre 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		38 Ah	
Dimensions	Total Height (Inc. terminals)	160 mm	6.30 inches
	Length	195 mm	7.68 inches
	Width	130 mm	5.12 inches
	Weight	10.7 Kg	23.65 lbs

**Characteristics**

Capacity 20-25 °C (68-77 °F) To 1.7 volts	20 hour rate	38.8 Ah
	10 hour rate	35.5 Ah
	5 hour rate	32.8 Ah
	1 hour rate	25.0 Ah
	15 min rate	17.7 Ah
	Internal Resistance	5.75 mOhms
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)	1100	
Terminal	Standard	14mm Insert M6 thread
	Optional	Lead Flag
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	233	153	117	97.1	82.3	71.2	63.2	56.5	51.6	41.4	29.7	23.2	16.7	13.3	11.0	9.46	8.23	7.27	5.86	4.91	3.05
1.80	249	164	125	104	87.9	76.1	67.5	60.3	55.1	44.2	31.7	24.8	17.8	14.2	11.8	10.1	8.79	7.77	6.26	5.24	3.25
1.75	265	174	133	110	93.5	81.0	71.8	64.2	58.7	47.0	33.7	26.4	18.9	15.1	12.5	10.7	9.35	8.26	6.66	5.57	3.46
1.70	271	178	136	113	95.6	82.7	73.4	65.6	60.0	48.0	34.4	27.0	19.3	15.4	12.8	11.0	9.56	8.45	6.81	5.70	3.54
1.67	273	179	137	114	96.4	83.5	74.1	66.2	60.5	48.5	34.8	27.2	19.5	15.5	-	-	-	-	-	-	-
1.65	274	180	138	114	96.8	83.8	74.3	66.4	60.7	48.6	34.9	27.3	19.6	15.6	-	-	-	-	-	-	-
1.60	277	182	139	115	97.8	84.6	75.1	67.1	61.3	49.1	35.2	27.6	19.8	15.8	-	-	-	-	-	-	-

**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	132	81.6	61.1	49.1	42.1	36.6	32.5	29.1	26.8	21.5	15.3	12.0	8.62	6.84	5.64	4.82	4.20	3.73	3.06	2.60	1.67
1.80	141	87.2	65.2	52.4	44.9	39.1	34.7	31.1	28.6	23.0	16.3	12.9	9.20	7.31	6.03	5.14	4.49	3.99	3.27	2.78	1.78
1.75	150	92.7	69.4	55.8	47.8	41.5	36.9	33.1	30.4	24.5	17.4	13.7	9.79	7.78	6.41	5.47	4.77	4.24	3.48	2.96	1.90
1.70	153	94.8	70.9	57.0	48.9	42.5	37.7	33.8	31.1	25.0	17.7	14.0	10.0	7.95	6.55	5.59	4.88	4.33	3.55	3.03	1.94
1.67	154	95.6	71.5	57.5	49.3	42.8	38.0	34.1	31.3	25.2	17.9	14.1	10.1	8.02	-	-	-	-	-	-	-
1.65	155	96.0	71.8	57.7	49.5	43.0	38.2	34.3	31.5	25.3	18.0	14.2	10.1	8.05	-	-	-	-	-	-	-
1.60	156	96.9	72.5	58.3	50.0	43.4	38.6	34.6	31.8	25.6	18.1	14.3	10.2	8.13	-	-	-	-	-	-	-

**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	24.1	25.9	27.4	28.2	28.9	29.4	29.9	30.6	31.3	33.4
1.80	25.7	27.6	29.2	30.1	30.9	31.4	31.9	32.7	33.4	35.6
1.75	27.4	29.4	31.1	32.1	32.8	33.4	33.9	34.8	35.5	37.9
1.70	28.0	30.0	31.8	32.8	33.6	34.1	34.7	35.5	36.3	38.8
1.67	28.2	30.3	32.1	-	-	-	-	-	-	-
1.65	28.3	30.4	32.2	-	-	-	-	-	-	-
1.60	28.6	30.7	32.5	-	-	-	-	-	-	-