

HZB6-160 Valve Regulated Lead Acid battery.
12 year design life for stand by power applications.
6 Volts 200 Ah

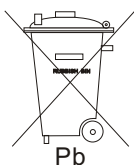
Innovative Features

- Completely maintenance free, sealed construction eliminates the need for watering
- Fully tank formed plates
- Analytical Grade electrolyte
- Spill proof / leak proof
- Valve regulated Max internal pressure 2.5 psi
- Multi-position usage
- ABS Case and cover - V0 on request
- Low self discharge
- FAA and IATA approved as non-hazardous
- Built to comply with IEC 896-2, DIN 43534, BS 6290 Pt4, Eurobat.



Specifications

Nominal Voltage	6 Volts
Nominal Capacity	200Ah (C20)
Design Life	12 Years
Operating Temperature	-20 °C to 50 °C
Grid alloy	Calcium / Tin lead alloy
Plates	Flat Pasted
Separator	Absorbant Glass Mat
Active material	Very high purity lead
Case and cover	ABS (VO on request)
Charge Voltage	Float 2.25 - 2.30 VPC @25 °C Cycling See Haze cyclic charging profile Max ripple 0.05C (A)
Electrolyte	Sulphuric acid Analytical grade purity
Venting Valve	EPDM Rubber 1.5 to 2 psi (10.5 - 14 KPa) release pressure. Resealing at 1 psi (7 KPa)
Terminal	Insert 12mm Dia M5 thread. Epoxy sealed by extended mechanical paths
Torque setting	The recommended torque value for all types is 5-7 Nm
Cables	Connectors, cables, terminal covers on request.



Haze Battery Company keenly encourages environmental awareness; PLEASE follow guidelines for the recycling /disposal of lead.

Website: www.hazebattery.com
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Sealed Lead Acid 12 Volt Bloc AGM Range
PRODUCT SHEET HZB6-160

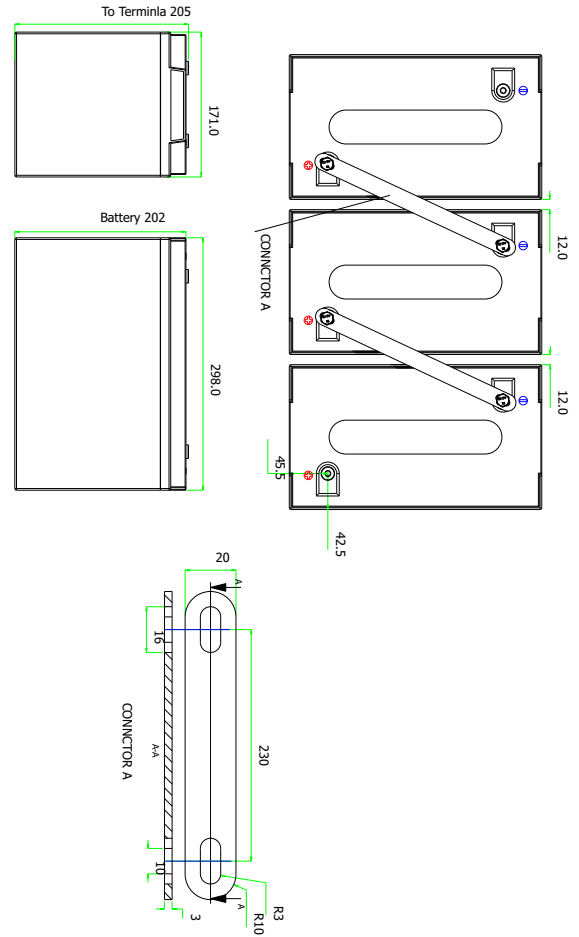
6V
AGM

Specifications

Nominal Voltage		6V	
Nominal Capacity		200 Ah	
Dimensions	Total Height (Inc. terminals)	226 mm	8.90 inches
	Length	298 mm	11.73 inches
	Width	171 mm	6.73 inches
	Weight	26.4 Kg	58.34 lbs

Characteristics

Capacity 20-25 °C (68-77 °F) To 1.7 volts	20 hour rate	208.1 Ah
	10 hour rate	189.6 Ah
	5 hour rate	169.8 Ah
	1 hour rate	112.0 Ah
	15 min rate	70.5 Ah
	Internal Resistance	1.4 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)	4600	
Terminal	Standard	14mm Insert M6 thread
	Optional	Cu/Lead Flag - J Type - 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	816	559	455	390	345	312	284	259	239	195	142	113	80.6	64.1	54.3	47.4	41.8	37.4	31.0	26.5	17.4
1.80	872	597	486	416	368	333	303	277	255	208	152	120	86.1	68.4	58.0	50.6	44.7	39.9	33.1	28.3	18.6
1.75	928	635	517	443	392	355	323	295	271	221	162	128	91.6	72.8	61.7	53.9	47.5	42.5	35.2	30.1	19.8
1.70	948	649	528	453	400	362	330	301	277	226	165	131	93.6	74.4	63.1	55.1	48.6	43.4	36.0	30.8	20.2
1.67	956	655	533	457	404	366	333	304	280	228	167	132	94.4	75.1	-	-	-	-	-	-	-
1.65	960	658	535	458	405	367	334	305	281	229	168	132	94.8	75.3	-	-	-	-	-	-	-
1.60	969	664	540	463	409	371	337	308	284	231	169	134	95.7	76.1	-	-	-	-	-	-	-

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	397	303	243	205	179	159	143	131	120	96.4	71.3	57.7	42.9	34.9	29.2	25.2	22.2	19.8	16.3	13.9	8.96
1.80	425	324	259	219	191	170	153	140	129	103	76.2	61.7	45.9	37.3	31.2	26.9	23.7	21.1	17.4	14.9	9.57
1.75	452	344	276	233	203	181	163	149	137	110	81.0	65.6	48.8	39.7	33.2	28.7	25.2	22.4	18.5	15.8	10.2
1.70	462	352	282	238	208	185	166	152	140	112	82.8	67.0	49.9	40.6	34.0	29.3	25.8	22.9	19.0	16.2	10.4
1.67	466	355	284	240	210	186	168	153	141	113	83.5	67.6	50.3	40.9	-	-	-	-	-	-	-
1.65	467	356	285	241	210	187	168	154	142	113	83.9	67.9	50.5	41.1	-	-	-	-	-	-	-
1.60	472	360	288	243	212	189	170	155	143	115	84.7	68.6	51.0	41.5	-	-	-	-	-	-	-

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	115	129	139	146	151	155	158	163	167	179
1.80	123	138	148	156	162	166	169	174	179	191
1.75	131	146	158	166	172	176	180	185	190	204
1.70	134	150	161	170	176	180	184	190	194	208
1.67	135	151	163	-	-	-	-	-	-	-
1.65	136	152	163	-	-	-	-	-	-	-
1.60	137	153	165	-	-	-	-	-	-	-

 **UL Recognised
Component
MH28512**



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