



**Electric  
Vehicle  
AGM**

**HAZE**

**POWER TO KEEP  
YOU ON THE MOVE**



**ELECTRIC VEHICLE** applications are wide and varied with many durability & power demands placed firmly on the batteries shoulders.



**HAZE ELECTRIC VEHICLE AGM** always delivers when you need it, whatever your DC requirement in extreme situations.



**Tough ABS case with INSERT TERMINALS as standard, smaller sizes with FASTON.**



**AGM Technology delivers GOOD CYCLE LIFE, cranking amps, general power and deep discharge capability.**



**HAZE ELECTRIC VEHICLE AGM** delivers maximum capacity within Five cycles and keeps delivering long after the others are on the scrap heap. HAZE R&D has resulted in SPECIAL CHEMICAL and PROCESS technology to ensure consistency and performance.



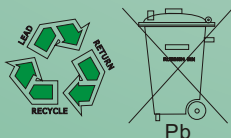
The Quality & Management system governing the manufacture of this product is ISO 9001:2000 and ISO 14001:2004 certified.



Battery Model	Dimensions (mm) & weight (Kg)				Cold Cranking Amps			Volts	Thread size mm	Reserve Capacity - Minutes Discharged					Capacity - Ampere Hour*						
					20°C (68°F)	0°C (32°F)	-18°C (0°F)			75 Amps	25 Amps	20 Amps	15 Amps	8 Amps	100 Hr	48 Hr	20 Hr	10 Hr	5 Hr	3 Hr	1 Hr
	Length	Width	Height	Weight																	
HZB-EV12-7.5	150	63	95	2.5	-	-	-	12	NA	-	-	-	-	-	8.8	8.3	<b>7.7</b>	7.0	6.3	5.8	4.8
HZB-EV12-12	152	99	96	3.9	-	-	-	12	NA	-	-	-	-	-	14.1	13.3	<b>12.3</b>	11.3	10.0	9.2	7.6
HZB-EV12-18	181	76	167	5.5	214	144	88	12	5	-	-	27	46	95	20.0	18.8	<b>17.4</b>	15.9	14.2	13.1	10.8
HZB-EV12-26	168	178	124	8.4	316	228	149	12	5	-	<b>24</b>	42	68	148	29.5	27.7	<b>25.6</b>	23.4	20.9	19.3	15.9
HZB-EV12-33	196	131	160	10.4	353	258	166	12	6	7.2	<b>32</b>	54	79	177	35.1	33.1	<b>30.1</b>	28.7	25.3	23.9	19.1
HZB-EV12-44	198	167	157	13.3	488	345	230	12	6	12.3	<b>56</b>	82	118	248	46.4	42.7	<b>39.9</b>	38.0	33.9	30.2	24.9
HZB-EV12-55	229	138	213	17.0	597	466	309	12	6	20	<b>88</b>	123	172	360	62.5	58.7	<b>54.3</b>	49.7	44.2	40.9	33.6
HZB-EV12-60	260	168	180	21.5	719	636	488	12	6	29	<b>111</b>	150	216	460	76.0	73.0	<b>67.0</b>	62.0	56.0	50.0	40.0
HZB-EV12-70J	349	168	175	21.6	696	557	385	12	6	28	<b>120</b>	163	223	472	80.2	75.3	<b>69.7</b>	63.8	56.7	52.4	43.1
HZB-EV12-65	272	165	188	20.9	743	602	420	12	6	33	<b>138</b>	185	257	532	88.4	83.0	<b>76.9</b>	70.3	62.6	57.8	47.6
HZB-EV12-80	260	168	211	25.4	800	664	483	12	8	34	<b>148</b>	200	277	574	93.0	87.5	<b>82.0</b>	74.6	67.8	62.1	51.2
HZB-EV12-100	306	168	211	28.8	861	751	546	12	8	46	<b>178</b>	236	332	689	113	106	<b>98.4</b>	90.0	80.1	74.0	60.9
HZB-EV12-110	329	173	209	32.5	925	804	577	12	8	50	<b>193</b>	259	372	769	122	115	<b>107</b>	98.2	88.0	80.7	66.0
HZB-EV12-120	409	177	225	37.0	963	877	683	12	8	63	<b>231</b>	295	424	886	141	133	<b>123</b>	113	100	92.5	76.1
HZB-EV12-135	342	173	282	40.6	1048	951	800	12	8	86	<b>283</b>	377	532	1091	171	161	<b>149</b>	136	121	112	92.0
HZB-EV12-150	483	170	242	44.0	1062	965	823	12	8	90	<b>295</b>	394	554	1138	177	166	<b>154</b>	141	125	116	95.2
HZB-EV12-160	530	209	214	55.0	1079	985	852	12	8	97	<b>326</b>	424	597	1230	189	177	<b>164</b>	150	133	123	102
HZB-EV12-200	522	242	220	63.7	1145	1037	954	12	8	146	<b>449</b>	578	816	1695	245	233	<b>219</b>	201	175	165	135
HZB-EV12-230	521	270	205	73.5	1173	1057	987	12	8	171	<b>541</b>	695	938	1998	289	271	<b>251</b>	230	204	189	155
HZB-EV6-110	193	168	204	17.9	924	828	606	6	8	54	<b>214</b>	275	381	813	132	124	<b>115</b>	105	93.4	86.3	71.1
HZB-EV6-160	298	171	226	26.4	1112	1014	877	6	8	114	<b>351</b>	455	640	1322	200	188	<b>174</b>	159	142	131	108
HZB-EV6-180	260	181	246	30.2	1124	1021	911	6	8	123	<b>375</b>	486	683	1433	212	199	<b>185</b>	169	150	139	114
HZB-EV6-200	323	178	226	31.8	1137	1027	945	6	8	136	<b>412</b>	529	738	1562	229	215	<b>199</b>	182	162	150	123
HZB-EV6-225	244	188	275	32.8	1171	1058	973	6	8	151	<b>474</b>	617	849	1814	259	244	<b>226</b>	206	184	170	140
HZB-EV6-335	295	178	350	47.7	1805	1509	1275	6	8	235	<b>870</b>	1120	1522	2940	400	393	<b>365</b>	320	290	265	215
HZB-EV8-160	260	182	298	36.8	1097	1003	870	8	8	106	<b>338</b>	443	612	1205	185	174	<b>161</b>	147	131	121	99.6

**Battery Charging:** Haze recommend the following charging profile to optimise cycle and battery life. Charging Voltage (max) 2.41vpc Charging Current Max 20 Hour Ah / 5 e.g. HZB-EV12 100 = 98/5 = 19.6A. It is recommended that the charging voltage be switch to Float (2.27-2.3vpc) when the battery is fully charged. (The above parameters apply to 20-25 °C

**Cycle Life:** To ensure maximum cycle life it is recommended that the battery be fully recharged as soon as possible after use. Cycle life is very dependant on the depth of discharge (DOD). The following is a guide to the number of cycles expected. 100% DOD - 270 cycles, 75% DOD - 350 cycles, 50% DOD - 550 cycles.



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

230510



Website: [www.hazebattery.com](http://www.hazebattery.com)  
E mail : [sales@hazebattery.com](mailto:sales@hazebattery.com)