



**Electric
Vehicle
Gel**

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 GEL** 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**.



Gel Technology delivers cranking
amps, general power and long/deep
discharges without the need for
immediate recharge. **EXTRA LONG
CYCLE LIFE** and resistance to
mechanical stress and the elements
all in one battery.



HAZE ELECTRIC VEHICLE GEL delivers maximum
capacity within twenty 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.

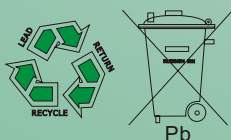


Important Note: The capacities and runtimes quoted below are applicable to a battery which has achieved full capacity. Full capacity is achieved after approx. 20 cycles. Initial capacity will be approx. 15 - 20% lower.

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																	
HZY-EV6-7.5	149	34	94	1.3	-	-	-	6	NA	-	-	-	-	-	8.6	8.1	7.5	6.9	6.1	5.6	4.6
HZY-EV6-10	151	50	95	1.8	-	-	-	6	NA	-	-	-	-	-	11.6	10.9	10.1	9.2	8.2	7.6	6.2
HZY-EV6-12	151	50	95	2.0	-	-	-	6	NA	-	-	-	-	-	13.8	13.0	12	11.0	9.8	9.0	7.4
HZY-EV12-7.5	150	63	95	2.5	-	-	-	12	NA	-	-	-	-	-	8.6	8.1	7.5	6.9	6.1	5.6	4.6
HZY-EV12-12	152	99	96	4.0	-	-	-	12	NA	-	-	-	-	-	13.8	13.0	12	11.0	9.8	9.0	7.4
HZY-EV12-18	181	76	167	5.4	204	137	84	12	5	-	-	26	44	91	19	18	17	15	14	13	10
HZY-EV12-26	168	178	124	8.0	301	217	142	12	5	-	23	41	65	141	28	26	25	22	20	18	15
HZY-EV12-33	196	131	160	10.4	350	260	172	12	6	6.9	30	52	75	170	34	32	29	27	24	23	18
HZY-EV12-44	198	167	157	13.0	450	337	220	12	6	12	54	78	113	237	44	41	38	36	32	29	24
HZY-EV12-55	229	138	213	18.4	569	444	294	12	6	19	84	118	165	344	60	56	52	48	42	39	32
HZY-EV12-70J	349	168	175	21.0	663	530	367	12	6	27	115	156	214	451	77	72	67	61	54	50	41
HZY-EV12-65	272	165	188	21.5	708	573	400	12	6	31	132	176	246	509	85	79	74	67	60	55	45
HZY-EV12-80	260	168	211	25.1	740	600	425	12	8	32	141	191	265	549	89	84	78	71	65	59	49
HZY-EV12-100	306	168	211	29.3	820	715	520	12	8	44	171	225	318	659	108	102	94	86	77	71	58
HZY-EV12-110	329	173	209	32.2	854	766	560	12	8	48	184	248	356	735	116	110	102	94	84	77	63
HZY-EV12-120	409	177	225	36.0	917	835	650	12	8	60	221	282	406	847	135	127	118	108	96	88	73
HZY-EV12-135	342	173	282	43.7	998	906	762	12	8	82	270	361	509	1043	163	153	142	130	116	107	88
HZY-EV12-150	483	170	242	45.5	1011	919	784	12	8	86	282	376	529	1088	169	159	147	135	120	111	91
HZY-EV12-160	530	209	214	53.7	1028	938	811	12	8	93	312	406	570	1176	180	169	157	143	128	118	97
HZY-EV12-200	522	242	220	63.4	1094	988	909	12	8	139	429	553	780	1621	235	222	210	192	167	158	129
HZY-EV12-230	521	270	205	69.5	1117	1007	940	12	8	164	517	664	897	1910	276	259	240	220	195	181	149
HZY-EV6-110	193	168	204	17.1	880	789	577	6	8	52	205	263	365	777	126	119	110	100	89	83	68
HZY-EV6-160	298	171	226	26.5	1059	966	835	6	8	109	335	435	612	1264	192	180	167	152	136	125	103
HZY-EV6-180	260	181	246	29.6	1071	972	868	6	8	118	359	465	653	1370	203	191	176	161	144	133	109
HZY-EV6-200	323	178	226	30.2	1083	978	900	6	8	130	394	506	706	1494	219	205	190	174	155	143	118
HZY-EV6-225	244	188	275	33.8	1116	1007	927	6	8	144	453	590	811	1735	248	233	216	197	175	162	133
HZY-EV8-160	260	182	298	34.4	1045	955	829	8	8	101	323	423	585	1152	177	166	154	141	125	116	95

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. HZY-EV12 100 = 94/5 = 18.8A. 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 - 350 cycles, 75% DOD - 420 cycles, 50% DOD - 650 cycles.

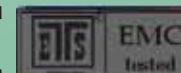


Haze Battery Company keenly encourages environmental awareness; PLEASE follow guidelines for the recycling /disposal of lead.

190706



UL Recognised Component MH28512



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