

HAZE

POWER TO KEEP
YOU ON THE MOVE

Electric
Vehicle
Gel

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.

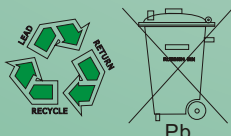


Important Note: The capacities and runtimes quoted below are applicable to a battery which has achieved full capacity. Full capacity is achieved after approx. 20 cycles. Initial capacity will be approx. 15 - 20% lower.

| 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 | |
| HZY-EV6-7.5 | 150 | 34 | - | 100 | 94 | 1.2 | - | - | - | 6 | NA | - | - | - | - | - | 8.6 | 8.1 | 7.5 | 6.9 | 6.1 | 5.6 | 4.6 | |
| HZY-EV6-10 | 151 | 50 | - | 101 | 95 | 1.8 | - | - | - | 6 | NA | - | - | - | - | - | 11.6 | 10.9 | 10.1 | 9.2 | 8.2 | 7.6 | 6.2 | |
| HZY-EV6-12 | 151 | 50 | - | 103 | 95 | 1.8 | - | - | - | 6 | NA | - | - | - | - | - | 13.8 | 13.0 | 12.0 | 11.0 | 9.8 | 9.0 | 7.4 | |
| HZY-EV12-7.5 | 151 | 65 | - | 100 | 94 | 2.4 | - | - | - | 12 | NA | - | - | - | - | - | 8.6 | 8.1 | 7.5 | 6.9 | 6.1 | 5.6 | 4.6 | |
| HZY-EV12-12 | 151 | 98 | - | 106 | 98 | 3.7 | - | - | - | 12 | NA | - | - | - | - | - | 13.8 | 13.0 | 12.0 | 11.0 | 9.8 | 9.0 | 7.4 | |
| HZY-EV12-18 | 181 | 76 | - | 157 | 167 | 5.5 | 204 | 137 | 84 | 12 | 5 | - | - | 26 | 45 | 93 | 19.6 | 18.4 | 17.0 | 15.6 | 13.8 | 12.8 | 10.5 | |
| HZY-EV12-26 | 168 | 178 | - | 117 | 124 | 8.8 | 301 | 217 | 142 | 12 | 5 | - | 23 | 41 | 66 | 144 | 28.8 | 27.0 | 25.0 | 22.9 | 20.4 | 18.8 | 15.5 | |
| HZY-EV12-33 | 195 | 130 | - | 151 | 160 | 10.2 | 350 | 260 | 172 | 12 | 6 | 6.9 | 30 | 53 | 77 | 173 | 34.2 | 32.3 | 29.3 | 28.0 | 24.7 | 23.3 | 18.6 | |
| HZY-EV12-44 | 198 | 167 | 175 | 158 | 157 | 13.5 | 450 | 337 | 220 | 12 | 6 | 12 | 55 | 80 | 115 | 242 | 45.3 | 41.6 | 39.0 | 37.0 | 33.1 | 29.4 | 24.3 | |
| HZY-EV12-55 | 229 | 138 | 231 | 214 | 213 | 16.8 | 569 | 444 | 294 | 12 | 6 | 19 | 86 | 120 | 168 | 351 | 61.0 | 57.2 | 53.0 | 48.5 | 43.1 | 39.9 | 32.8 | |
| HZY-EV12-60 | 260 | 168 | 197 | 180 | 179 | 21.5 | 686 | 563 | 420 | 12 | 6 | 28 | 115 | 155 | 218 | 458 | 72.0 | 68.0 | 64.0 | 60.0 | 55.0 | 50.0 | 38.0 | |
| HZY-EV12-70J | 349 | 168 | 193 | 176 | 175 | 22.6 | 663 | 530 | 367 | 12 | 6 | 27 | 117 | 159 | 218 | 460 | 78.2 | 73.4 | 68.0 | 62.2 | 55.4 | 51.1 | 42.1 | |
| HZY-EV12-65 | 279 | 175 | 190 | 173 | 190 | 21.5 | 708 | 573 | 400 | 12 | 6 | 32 | 135 | 180 | 251 | 519 | 86.3 | 81.0 | 75.0 | 68.6 | 61.1 | 56.4 | 46.4 | |
| HZY-EV12-80 | 260 | 168 | 229 | 212 | 211 | 24.0 | 740 | 600 | 425 | 12 | 8 | 33 | 144 | 195 | 270 | 560 | 90.7 | 85.4 | 80.0 | 72.8 | 66.1 | 60.6 | 49.9 | |
| HZY-EV12-100 | 306 | 168 | 229 | 212 | 211 | 28.3 | 820 | 715 | 520 | 12 | 8 | 45 | 174 | 230 | 324 | 672 | 110 | 104 | 96.0 | 87.8 | 78.1 | 72.2 | 59.4 | |
| HZY-EV12-110 | 329 | 173 | 227 | 210 | 209 | 30.9 | 854 | 766 | 560 | 12 | 8 | 49 | 188 | 253 | 363 | 750 | 118 | 112 | 104 | 95.8 | 85.9 | 78.7 | 64.4 | |
| HZY-EV12-120 | 408 | 176 | - | 209 | 227 | 34.5 | 917 | 835 | 650 | 12 | 8 | 61 | 225 | 288 | 414 | 864 | 138 | 130 | 120 | 110 | 97.7 | 90.2 | 74.3 | |
| HZY-EV12-135 | 340 | 173 | 303 | 286 | 283 | 41.9 | 998 | 906 | 762 | 12 | 8 | 84 | 276 | 368 | 519 | 1064 | 167 | 157 | 145 | 133 | 118 | 109 | 89.8 | |
| HZY-EV12-150 | 482 | 170 | - | 225 | 242 | 45.0 | 1011 | 919 | 784 | 12 | 8 | 88 | 288 | 384 | 540 | 1110 | 173 | 162 | 150 | 137 | 122 | 113 | 92.9 | |
| HZY-EV12-160 | 530 | 209 | 234 | 217 | 214 | 54.9 | 1028 | 938 | 811 | 12 | 8 | 95 | 318 | 414 | 582 | 1200 | 184 | 173 | 160 | 146 | 130 | 120 | 99.0 | |
| HZY-EV12-200 | 520 | 240 | 240 | 225 | 220 | 63.3 | 1094 | 988 | 909 | 12 | 8 | 142 | 438 | 564 | 796 | 1654 | 239 | 227 | 214 | 196 | 171 | 161 | 131 | |
| HZY-EV12-230 | 521 | 269 | 223 | 208 | 203 | 74.5 | 1117 | 1007 | 940 | 12 | 8 | 167 | 528 | 678 | 915 | 1949 | 282 | 265 | 245 | 224 | 199 | 184 | 152 | |
| HZY-EV6-110 | 193 | 168 | 225 | 208 | 205 | 17.9 | 880 | 789 | 577 | 6 | 8 | 53 | 209 | 268 | 372 | 793 | 129 | 121 | 112 | 102 | 91.2 | 84.2 | 69.3 | |
| HZY-EV6-160 | 298 | 171 | 246 | 229 | 226 | 26.9 | 1059 | 966 | 835 | 6 | 8 | 111 | 342 | 444 | 624 | 1290 | 196 | 184 | 170 | 156 | 138 | 128 | 105 | |
| HZY-EV6-180 | 260 | 181 | 264 | 247 | 246 | 28.9 | 1071 | 972 | 868 | 6 | 8 | 120 | 366 | 474 | 666 | 1398 | 207 | 194 | 180 | 165 | 147 | 135 | 111 | |
| HZY-EV6-180-2 | 260 | 181 | 264 | 247 | 246 | 30.5 | 1090 | 980 | 890 | 6 | 8 | 138 | 420 | 555 | 741 | 1527 | 224 | 211 | 195 | 184 | 167 | 141 | 115 | |
| HZY-EV6-200 | 323 | 178 | 245 | 228 | 225 | 31.1 | 1083 | 978 | 900 | 6 | 8 | 133 | 402 | 516 | 720 | 1524 | 223 | 210 | 194 | 178 | 158 | 146 | 120 | |
| HZY-EV6-225 | 244 | 188 | 272 | 257 | 275 | 31.9 | 1116 | 1007 | 927 | 6 | 8 | 147 | 462 | 602 | 828 | 1770 | 253 | 238 | 220 | 201 | 179 | 165 | 136 | |
| HZY-EV6-245 | 260 | 180 | 283 | 268 | 263 | 34.0 | 1388 | 1108 | 850 | 6 | 8 | 156 | 545 | 703 | 950 | 1940 | 270 | 254 | 235 | 212 | 191 | 178 | 145 | |
| HZY-EV6-335 | 295 | 178 | 365 | 350 | 345 | 48.0 | 1650 | 1395 | 1228 | 6 | 8 | 210 | 780 | 960 | 1300 | 2530 | 370 | 340 | 320 | 300 | 280 | 250 | 180 | |
| HZY-EV8-160 | 260 | 182 | 315 | 298 | 295 | 36.4 | 1045 | 955 | 829 | 8 | 8 | 103 | 330 | 432 | 597 | 1176 | 181 | 170 | 157 | 144 | 128 | 118 | 97.2 | |

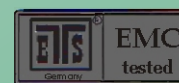
Battery Charging: To obtain the optimum cycle life performance from the Haze EV range it is vital that the correct charging profile is utilised. Haze specifies a charging profile with an equalizing/desulphation phase as detailed in the Haze document "Charging - Cyclic Applications" for flat pasted plates. Please request this literature from your Haze distributor.

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 - 400 cycles, 75% DOD - 450 cycles, 50% DOD - 650 cycles.



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

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