

Crown CDI DriveCore Power Draw & Thermal Dissipation

CDi DriveCore 2|300 / 2|300BL

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to $\pm 10\%$ of the voltage range 100-240V~. This information is for reference only.

| CDi DriveCore 2 300 / 2 300BL Unbridged | | | | | | | | | |
|---|--------|---------------------|--------------------------|-----|---------|---------------------|--------------------------|-----|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.6 | 73 | 251 | 63 | 0.4 | 102 | 347 | 88 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 1.1 | 91 | 310 | 78 | 0.7 | 119 | 405 | 102 |
| | 4 ohms | 1.4 | 97 | 331 | 83 | 0.8 | 118 | 403 | 102 |
| | 8 ohms | 1.4 | 86 | 295 | 74 | 0.8 | 108 | 368 | 93 |
| | 70v | 1.3 | 83 | 282 | 71 | 0.8 | 102 | 350 | 88 |
| | 100v | 1.3 | 80 | 272 | 69 | 0.8 | 102 | 347 | 87 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 1.9 | 123 | 419 | 106 | 1.1 | 140 | 479 | 121 |
| | 4 ohms | 2.8 | 138 | 471 | 119 | 1.5 | 150 | 512 | 129 |
| | 8 ohms | 2.6 | 116 | 397 | 100 | 1.4 | 125 | 428 | 108 |
| | 70v | 2.5 | 110 | 377 | 95 | 1.4 | 115 | 391 | 99 |
| | 100v | 2.5 | 99 | 337 | 85 | 1.3 | 112 | 381 | 96 |

| CDi DriveCore 2 300 / 2 300BL Bridged | | | | | | | | | |
|---|--------|---------------------|--------------------------|-----|---------|---------------------|--------------------------|-----|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.6 | 73 | 250 | 63 | 0.4 | 102 | 348 | 88 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 1.0 | 89 | 303 | 76 | 0.7 | 114 | 388 | 98 |
| | 4 ohms | 1.4 | 92 | 313 | 79 | 0.8 | 112 | 382 | 96 |
| | 8 ohms | 1.3 | 84 | 286 | 72 | 0.8 | 107 | 365 | 92 |
| | 70v | 1.3 | 79 | 271 | 68 | 0.8 | 102 | 349 | 88 |
| | 100v | 1.3 | 79 | 271 | 68 | 0.8 | 101 | 345 | 87 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 1.8 | 118 | 403 | 102 | 1.0 | 133 | 453 | 114 |
| | 4 ohms | 2.8 | 127 | 432 | 109 | 1.5 | 138 | 471 | 119 |
| | 8 ohms | 2.7 | 112 | 381 | 96 | 1.4 | 123 | 419 | 106 |
| | 70v | 2.5 | 101 | 344 | 87 | 1.3 | 111 | 378 | 95 |
| | 100v | 2.5 | 99 | 338 | 85 | 1.3 | 111 | 378 | 95 |

CDi DriveCore 4|300 / 4|300BL

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to $\pm 10\%$ of the voltage range 100-240V~. This information is for reference only.

| CDi DriveCore 4 300 / 4 300BL Unbridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|-----|---------|---------------------|--------------------------|-----|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.9 | 110 | 375 | 94 | 0.5 | 125 | 428 | 108 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 1.8 | 139 | 475 | 120 | 1.0 | 160 | 544 | 137 |
| | 4 ohms | 2.6 | 160 | 544 | 137 | 1.4 | 173 | 591 | 149 |
| | 8 ohms | 2.4 | 140 | 477 | 120 | 1.3 | 150 | 511 | 129 |
| | 70v | 2.3 | 129 | 441 | 111 | 1.3 | 142 | 484 | 122 |
| | 100v | 2.3 | 127 | 434 | 109 | 1.3 | 141 | 481 | 121 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 3.5 | 215 | 733 | 185 | 1.8 | 221 | 754 | 190 |
| | 4 ohms | 5.3 | 239 | 815 | 205 | 2.8 | 239 | 814 | 205 |
| | 8 ohms | 5.0 | 200 | 683 | 172 | 2.6 | 211 | 719 | 181 |
| | 70v | 4.7 | 175 | 598 | 151 | 2.5 | 181 | 617 | 155 |
| | 100v | 4.7 | 166 | 568 | 143 | 2.5 | 180 | 615 | 155 |

| CDi DriveCore 4 300 / 4 300BL Bridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|-----|---------|---------------------|--------------------------|-----|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.9 | 110 | 376 | 95 | 0.5 | 126 | 429 | 108 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 1.9 | 146 | 497 | 125 | 1.0 | 156 | 534 | 135 |
| | 4 ohms | 2.6 | 157 | 537 | 135 | 1.4 | 169 | 575 | 145 |
| | 8 ohms | 2.4 | 139 | 474 | 120 | 1.3 | 149 | 508 | 128 |
| | 70v | 2.4 | 132 | 449 | 113 | 1.3 | 143 | 488 | 123 |
| | 100v | 2.3 | 129 | 441 | 111 | 1.3 | 143 | 487 | 123 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 3.4 | 203 | 694 | 175 | 1.8 | 209 | 715 | 180 |
| | 4 ohms | 5.3 | 232 | 791 | 199 | 2.8 | 232 | 793 | 200 |
| | 8 ohms | 4.9 | 192 | 655 | 165 | 2.6 | 208 | 710 | 179 |
| | 70v | 4.8 | 177 | 605 | 153 | 2.5 | 183 | 623 | 157 |
| | 100v | 4.8 | 182 | 622 | 157 | 2.5 | 181 | 617 | 156 |

CDi DriveCore 2|600 / 2|600BL

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to $\pm 10\%$ of the voltage range 100-240V~. This information is for reference only.

| CDi DriveCore 2 600 / 2 600BL Unbridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|-----|---------|---------------------|--------------------------|-----|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.6 | 69 | 235 | 59 | 0.4 | 91 | 312 | 79 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 1.6 | 112 | 384 | 97 | 0.9 | 124 | 424 | 107 |
| | 4 ohms | 2.2 | 119 | 406 | 102 | 1.2 | 130 | 443 | 112 |
| | 8 ohms | 2.1 | 102 | 348 | 88 | 1.2 | 119 | 407 | 103 |
| | 70v | 2.1 | 107 | 366 | 92 | 1.1 | 116 | 398 | 100 |
| | 100v | 2.0 | 94 | 322 | 81 | 1.1 | 105 | 359 | 90 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 3.2 | 179 | 610 | 154 | 1.6 | 178 | 608 | 153 |
| | 4 ohms | 4.9 | 195 | 665 | 168 | 2.6 | 210 | 715 | 180 |
| | 8 ohms | 4.6 | 164 | 559 | 141 | 2.5 | 176 | 600 | 151 |
| | 70v | 4.5 | 149 | 509 | 128 | 2.4 | 171 | 582 | 147 |
| | 100v | 4.7 | 182 | 622 | 157 | 2.3 | 153 | 521 | 131 |

| CDi DriveCore 2 600 / 2 600BL Bridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|-----|---------|---------------------|--------------------------|-----|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.6 | 69 | 235 | 59 | 0.4 | 91 | 311 | 78 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 1.5 | 109 | 371 | 93 | 0.9 | 121 | 412 | 104 |
| | 4 ohms | 2.3 | 118 | 404 | 102 | 1.2 | 126 | 431 | 109 |
| | 8 ohms | 2.1 | 102 | 350 | 88 | 1.2 | 113 | 386 | 97 |
| | 70v | 2.1 | 108 | 367 | 93 | 1.2 | 113 | 387 | 97 |
| | 100v | 2.1 | 95 | 323 | 81 | 1.1 | 108 | 368 | 93 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 3.1 | 162 | 552 | 139 | 1.7 | 178 | 609 | 153 |
| | 4 ohms | 5.1 | 199 | 680 | 171 | 2.6 | 199 | 678 | 171 |
| | 8 ohms | 4.7 | 168 | 573 | 144 | 2.5 | 171 | 583 | 147 |
| | 70v | 4.7 | 162 | 553 | 139 | 2.4 | 167 | 571 | 144 |
| | 100v | 4.5 | 147 | 502 | 126 | 2.4 | 153 | 521 | 131 |

CDi DriveCore 4|600 / 4|600BL

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to $\pm 10\%$ of the voltage range 100-240V~. This information is for reference only.

| CDi DriveCore 4 600 / 4 600BL Unbridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|------|---------|---------------------|--------------------------|------|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.9 | 108 | 369 | 93 | 0.6 | 106 | 361 | 91 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 4.2 | 225 | 770 | 194 | 2.3 | 213 | 726 | 183 |
| | 4 ohms | 4.5 | 201 | 686 | 173 | 2.0 | 191 | 652 | 164 |
| | 8 ohms | 4.3 | 178 | 609 | 153 | 2.3 | 164 | 560 | 141 |
| | 70v | 4.1 | 176 | 601 | 152 | 2.3 | 174 | 593 | 149 |
| | 100v | 4.1 | 172 | 588 | 148 | 2.2 | 144 | 493 | 124 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 8.2 | 363 | 1238 | 312 | 4.8 | 379 | 1294 | 326 |
| | 4 ohms | 9.4 | 434 | 1483 | 374 | 4.5 | 330 | 1127 | 284 |
| | 8 ohms | 9.8 | 308 | 1053 | 265 | 5.0 | 373 | 933 | 235 |
| | 70v | 9.5 | 310 | 1058 | 267 | 5.1 | 443 | 1512 | 381 |
| | 100v | 5.0 | 178 | 609 | 154 | 2.7 | 169 | 578 | 146 |

| CDi DriveCore 4 600 / 4 600BL Bridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|------|---------|---------------------|--------------------------|------|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 108.0 | 108 | 368 | 93 | 108.2 | 108 | 369 | 93 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 4.1 | 225 | 767 | 193 | 2.2 | 205 | 699 | 176 |
| | 4 ohms | 4.4 | 206 | 703 | 177 | 2.3 | 196 | 669 | 169 |
| | 8 ohms | 4.1 | 173 | 589 | 149 | 2.3 | 181 | 617 | 155 |
| | 70v | 4.1 | 185 | 631 | 159 | 2.3 | 174 | 593 | 150 |
| | 100v | 4.0 | 162 | 551 | 139 | 2.1 | 154 | 527 | 133 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 8.6 | 399 | 1362 | 343 | 4.3 | 338 | 1154 | 291 |
| | 4 ohms | 9.7 | 386 | 1318 | 332 | 4.9 | 329 | 1122 | 283 |
| | 8 ohms | 8.8 | 299 | 1022 | 258 | 5.0 | 277 | 945 | 238 |
| | 70v | 9.0 | 325 | 1109 | 280 | 4.9 | 291 | 993 | 250 |
| | 100v | 8.8 | 277 | 945 | 238 | 4.7 | 238 | 814 | 205 |

CDi DriveCore 2|1200 / 2|1200BL

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to $\pm 10\%$ of the voltage range 100-240V~. This information is for reference only.

| CDi DriveCore 2 1200 / 2 1200BL Unbridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|-----|---------|---------------------|--------------------------|------|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.6 | 68 | 231 | 58 | Line Current | 65 | 222 | 56 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 3.7 | 167 | 570 | 144 | 2.0 | 149 | 509 | 128 |
| | 4 ohms | 4.0 | 145 | 493 | 124 | 2.1 | 135 | 460 | 116 |
| | 8 ohms | 7.2 | 110 | 376 | 95 | 2.1 | 120 | 411 | 104 |
| | 70v | 3.8 | 145 | 494 | 125 | 2.1 | 139 | 475 | 120 |
| | 100v | 3.6 | 130 | 442 | 112 | 2.0 | 117 | 398 | 100 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 5.4 | 204 | 696 | 175 | 3.9 | 266 | 909 | 229 |
| | 4 ohms | 9.1 | 257 | 876 | 221 | 4.6 | 244 | 833 | 210 |
| | 8 ohms | 8.1 | 209 | 712 | 179 | 4.5 | 196 | 668 | 168 |
| | 70v | 8.2 | 265 | 903 | 228 | 4.7 | 313 | 1068 | 269 |
| | 100v | 9.1 | 250 | 852 | 215 | 4.2 | 205 | 701 | 177 |

| CDi DriveCore 2 1200 / 2 1200BL Bridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|------|---------|---------------------|--------------------------|-----|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 108.0 | 68 | 231 | 58 | 0.4 | 65 | 222 | 56 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 3.7 | 178 | 609 | 153 | 2.0 | 162 | 554 | 140 |
| | 4 ohms | 4.0 | 162 | 552 | 139 | 2.1 | 145 | 496 | 125 |
| | 8 ohms | 3.8 | 130 | 443 | 112 | 2.0 | 124 | 423 | 107 |
| | 70v | 3.9 | 155 | 530 | 134 | 2.0 | 140 | 478 | 120 |
| | 100v | 3.5 | 132 | 450 | 113 | 2.1 | 138 | 472 | 119 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 7.8 | 341 | 1163 | 293 | 4.1 | 292 | 998 | 252 |
| | 4 ohms | 8.8 | 285 | 971 | 245 | 4.5 | 236 | 805 | 203 |
| | 8 ohms | 8.7 | 235 | 801 | 202 | 4.7 | 213 | 728 | 183 |
| | 70v | 8.9 | 303 | 1033 | 260 | 4.6 | 269 | 918 | 231 |
| | 100v | 8.8 | 243 | 829 | 209 | 4.9 | 257 | 879 | 222 |

CDi DriveCore 4|1200 / 4|1200BL

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to $\pm 10\%$ of the voltage range 100-240V~. This information is for reference only.

| CDi DriveCore 4 1200 / 4 1200BL Unbridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|------|---------|---------------------|--------------------------|------|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.4 | 37 | 126 | 32 | 0.6 | 105 | 358 | 90 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 6.8 | 293 | 1002 | 253 | 3.5 | 278 | 949 | 239 |
| | 4 ohms | 7.6 | 262 | 896 | 226 | 4.1 | 257 | 878 | 221 |
| | 8 ohms | 7.0 | 219 | 748 | 188 | 3.8 | 214 | 730 | 184 |
| | 70v | 7.2 | 256 | 873 | 220 | 40 | 259 | 885 | 223 |
| | 100v | 7.2 | 213 | 726 | 183 | 3.6 | 212 | 723 | 182 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 17.0 | 679 | 2316 | 584 | 7.8 | 585 | 1836 | 463 |
| | 4 ohms | 17.2 | 516 | 1761 | 444 | 2.5 | 470 | 1603 | 404 |
| | 8 ohms | 17.4 | 404 | 1378 | 347 | 8.7 | 400 | 1367 | 345 |
| | 70v | 15.0 | 460 | 1568 | 395 | 9.2 | 546 | 1865 | 470 |
| | 100v | 17.7 | 392 | 1337 | 337 | 8.8 | 398 | 1358 | 342 |

| CDi DriveCore 4 1200 / 4 1200BL Bridged | | | | | | | | | |
|--|--------|---------------------|--------------------------|------|---------|---------------------|--------------------------|------|---------|
| | | 120 VAC / 60 Hz | | | | 230 VAC / 50 Hz | | | |
| Condition | Load | Line current (amps) | Power Dissipated as Heat | | | Line current (amps) | Power Dissipated as Heat | | |
| | | | watts | BTU | kcal/hr | | watts | BTU | kcal/hr |
| At Idle Awake | N/A | 0.9 | 109 | 372 | 94 | 0.5 | 106 | 362 | 91 |
| 1/8 Power Pink Noise Typical of program material just at clip | 2 ohms | 7.2 | 314 | 1072 | 270 | 3.5 | 297 | 1015 | 256 |
| | 4 ohms | 7.8 | 284 | 971 | 245 | 3.8 | 265 | 903 | 228 |
| | 8 ohms | 7.3 | 237 | 811 | 204 | 3.5 | 223 | 762 | 192 |
| | 70v | 7.4 | 290 | 990 | 250 | 3.6 | 273 | 932 | 235 |
| | 100v | 7.4 | 269 | 920 | 232 | 3.6 | 255 | 871 | 219 |
| 1/3 Power Pink Noise Typical of program material at extreme clip | 2 ohms | 15.5 | 667 | 2275 | 574 | 7.1 | 526 | 1796 | 453 |
| | 4 ohms | 17.4 | 539 | 1840 | 464 | 8.0 | 446 | 1524 | 384 |
| | 8 ohms | 16.9 | 449 | 1532 | 386 | 7.6 | 425 | 1450 | 366 |
| | 70v | 17.5 | 545 | 1858 | 468 | 7.7 | 549 | 1874 | 472 |
| | 100v | 17.5 | 532 | 1817 | 458 | 7.2 | 490 | 1671 | 421 |