

Hyperion G6 HV 3.8V LiPo - Specifications

60 Cmax Air Series

| PART NUMBER | Series Cells S | Nominal Voltage (V) | Capacity (mAh) | Output Wire AWG | Wire Length (mm) | Output Wire Connector | Balance Connector | Length mm | Width mm | Height mm | Weight grams |
|-------------|----------------|---------------------|----------------|-----------------|------------------|-----------------------|-------------------|-----------|----------|-----------|--------------|
| HV60C0900S2 | 2 | 7.6 | 900 | 18 | 75 | XT60 | JST-XH | 74 | 25.5 | 12.5 | 50 |
| HV60C0900S3 | 3 | 11.4 | 900 | 18 | 75 | XT60 | JST-XH | | | 18 | 70 |
| HV60C1200S2 | 2 | 7.6 | 1200 | 16 | 75 | XT60 | JST-XH | 68 | 33.5 | 13.5 | 62 |
| HV60C1200S3 | 3 | 11.4 | 1200 | 16 | 75 | XT60 | JST-XH | | | 19.5 | 89 |
| HV60C1400S2 | 2 | 7.6 | 1400 | 16 | 75 | XT60 | JST-XH | 68 | 33.5 | 15 | 70 |
| HV60C1400S3 | 3 | 11.4 | 1400 | 16 | 75 | XT60 | JST-XH | | | 21.5 | 100 |
| HV60C1800S2 | 2 | 7.6 | 1800 | 14 | 75 | XT60 | JST-XH | 88 | 33.5 | 14.5 | 89 |
| HV60C1800S3 | 3 | 11.4 | 1800 | 14 | 75 | XT60 | JST-XH | | | 21 | 128 |
| HV60C1800S4 | 4 | 15.2 | 1800 | 14 | 75 | XT60 | JST-XH | | | 27.5 | 167 |
| HV60C2400S2 | 2 | 7.6 | 2400 | 14 | 75 | XT60 | JST-XH | 104 | 33.5 | 14.5 | 108 |
| HV60C2400S3 | 3 | 11.4 | 2400 | 14 | 75 | XT60 | JST-XH | | | 21.5 | 156 |
| HV60C2400S4 | 4 | 15.2 | 2400 | 14 | 75 | XT60 | JST-XH | | | 28.5 | 203 |
| HV60C2800S2 | 2 | 7.6 | 2800 | 12 | 100 | XT60 | JST-XH | 104 | 33.5 | 18.5 | 125 |
| HV60C2800S3 | 3 | 11.4 | 2800 | 12 | 100 | XT60 | JST-XH | | | 27 | 200 |
| HV60C2800S4 | 4 | 15.2 | 2800 | 12 | 100 | XT60 | JST-XH | | | 35.5 | 258 |
| HV60C2800S5 | 5 | 19 | 2800 | 12 | 100 | XT60 | JST-XH | | | 44 | 318 |
| HV60C2800S6 | 6 | 22.8 | 2800 | 12 | 100 | XT60 | JST-XH | | | 53 | 376 |
| HV60C3650S2 | 2 | 7.6 | 3650 | 12 | 120 | none | JST-XH | 135 | 42 | 14 | 170 |
| HV60C3650S3 | 3 | 11.4 | 3650 | 12 | 120 | none | JST-XH | | | 21 | 245 |
| HV60C3650S4 | 4 | 15.2 | 3650 | 12 | 120 | none | JST-XH | | | 28 | 320 |
| HV60C3650S5 | 5 | 19 | 3650 | 12 | 120 | none | JST-XH | | | 34 | 395 |
| HV60C3650S6 | 6 | 22.8 | 3650 | 12 | 120 | none | JST-XH | | | 41 | 470 |
| HV60C4400S2 | 2 | 7.6 | 4400 | 12 | 120 | none | JST-XH | 135 | 42 | 18 | 210 |
| HV60C4400S3 | 3 | 11.4 | 4400 | 12 | 120 | none | JST-XH | | | 26 | 310 |
| HV60C4400S4 | 4 | 15.2 | 4400 | 12 | 120 | none | JST-XH | | | 34 | 412 |
| HV60C4400S5 | 5 | 19 | 4400 | 12 | 120 | none | JST-XH | | | 43 | 512 |
| HV60C4400S6 | 6 | 22.8 | 4400 | 12 | 120 | none | JST-XH | | | 51 | 612 |
| HV60C4400S7 | 7 | 26.6 | 4400 | 12 | 120 | none | JST-XH | 60 | 716 | | |
| HV60C5200S2 | 2 | 7.6 | 5200 | 12 | 120 | none | JST-XH | 135 | 42 | 21 | 240 |
| HV60C5200S3 | 3 | 11.4 | 5200 | 12 | 120 | none | JST-XH | | | 31 | 352 |
| HV60C5200S4 | 4 | 15.2 | 5200 | 12 | 120 | none | JST-XH | | | 40 | 466 |
| HV60C5200S5 | 5 | 19 | 5200 | 12 | 120 | none | JST-XH | | | 50 | 580 |
| HV60C5200S6 | 6 | 22.8 | 5200 | 12 | 120 | none | JST-XH | | | 59 | 700 |
| HV60C5200S7 | 7 | 26.6 | 5200 | 12 | 120 | none | JST-XH | 68 | 824 | | |

Hyperion G6 3.8V HV Lithium Polymer - constructed via our unique Hybrid RS technique - have the longest cycle life and most consistent performance of any brand HV lithium pack available today. Weights are given less connector weight. Continuous C-Rate for 100% delivered capacity is 1/2 C-Max rate. C-Max rate sustainable for 10 seconds maximum short-time peaks, with max cell temps of less than 65C for best cycle life performance. Note that wiring arrangement or connector choice may reduce MaxC rating. G6 HV packs can be charged to standard lipo terminal voltage of 4.2V per cell for typical energy density, or charged to a maximum of 4.35V per cell for rated capacity, or about 10% additional capacity and run time compared to standard LiPo packs.

Hyperion G6 HV 3.8V LiPo - Specifications

80 Cmax Air Series

| PART NUMBER | Series Cells S | Nominal Voltage (V) | Capacity (mAh) | Output Wire AWG | Wire Length (mm) | Output Wire Connector | Balance Connector | Length mm | Width mm | Height mm | Weight grams |
|-------------|----------------|---------------------|----------------|-----------------|------------------|-----------------------|-------------------|-----------|----------|-----------|--------------|
| HV80C1200S3 | 3 | 11.4 | 1200 | 14 | 60 | XT60 | JST-XH | 70 | 33.5 | 20 | 96 |
| HV80C1200S4 | 4 | 11.4 | 1200 | 14 | 60 | XT60 | JST-XH | | | 27 | 124 |
| HV80C1400S3 | 3 | 11.4 | 1400 | 14 | 60 | XT60 | JST-XH | 70 | 33.5 | 23 | 108 |
| HV80C1400S4 | 4 | 11.4 | 1400 | 14 | 60 | XT60 | JST-XH | | | 30 | 140 |
| HV80C1800S2 | 2 | 7.6 | 1800 | 14 | 75 | XT60 | JST-XH | 88 | 33.5 | 15 | 95.9 |
| HV80C1800S3 | 3 | 11.4 | 1800 | 14 | 75 | XT60 | JST-XH | | | 22.5 | 137 |
| HV80C2400S2 | 2 | 7.6 | 2400 | 12 | 75 | XT60 | JST-XH | 105 | 33.5 | 16.5 | 132 |
| HV80C2400S3 | 3 | 11.4 | 2400 | 12 | 75 | XT60 | JST-XH | | | 25 | 187 |
| HV80C2400S4 | 4 | 15.2 | 2400 | 12 | 75 | XT60 | JST-XH | | | 33 | 242 |
| HV80C2400S5 | 5 | 19 | 2400 | 12 | 75 | XT60 | JST-XH | | | 42 | 297 |
| HV80C2400S6 | 6 | 22.8 | 2400 | 12 | 75 | XT60 | JST-XH | | | 51 | 352 |
| HV80C2800S2 | 2 | 7.6 | 2800 | 12 | 100 | XT60 | JST-XH | 105 | 33.5 | 18 | 142 |
| HV80C2800S3 | 3 | 11.4 | 2800 | 12 | 100 | XT60 | JST-XH | | | 27 | 204 |
| HV80C2800S4 | 4 | 15.2 | 2800 | 12 | 100 | XT60 | JST-XH | | | 36 | 268 |
| HV80C2800S5 | 5 | 19 | 2800 | 12 | 100 | XT60 | JST-XH | | | 46 | 332 |
| HV80C2800S6 | 6 | 22.8 | 2800 | 12 | 100 | XT60 | JST-XH | | | 55 | 398 |
| HV80C3650S2 | 2 | 7.6 | 3650 | 12 | 120 | none | JST-XH | 135 | 42 | 14 | 170 |
| HV80C3650S3 | 3 | 11.4 | 3650 | 12 | 120 | none | JST-XH | | | 21 | 248 |
| HV80C3650S4 | 4 | 15.2 | 3650 | 12 | 120 | none | JST-XH | | | 27 | 326 |
| HV80C3650S5 | 5 | 19 | 3650 | 12 | 120 | none | JST-XH | | | 34 | 404 |
| HV80C3650S6 | 6 | 22.8 | 3650 | 12 | 120 | none | JST-XH | | | 41 | 482 |
| HV80C4400S2 | 2 | 7.6 | 4400 | 10 | 120 | none | JST-XH | 135 | 42 | 18 | 228 |
| HV80C4400S3 | 3 | 11.4 | 4400 | 10 | 120 | none | JST-XH | | | 26.5 | 330 |
| HV80C4400S4 | 4 | 15.2 | 4400 | 10 | 120 | none | JST-XH | | | 35 | 432 |
| HV80C4400S5 | 5 | 19 | 4400 | 10 | 120 | none | JST-XH | | | 44 | 534 |
| HV80C4400S6 | 6 | 22.8 | 4400 | 10 | 120 | none | JST-XH | | | 52 | 649 |
| HV80C4400S7 | 7 | 26.6 | 4400 | 10 | 120 | none | JST-XH | 60.5 | 760 | | |
| HV80C5200S2 | 2 | 7.6 | 5200 | 10 | 120 | none | JST-XH | 158 | 45 | 18 | 260 |
| HV80C5200S3 | 3 | 11.4 | 5200 | 10 | 120 | none | JST-XH | | | 27 | 400 |
| HV80C5200S4 | 4 | 15.2 | 5200 | 10 | 120 | none | JST-XH | | | 35 | 499 |
| HV80C5200S5 | 5 | 19 | 5200 | 10 | 120 | none | JST-XH | | | 45 | 620 |
| HV80C5200S6 | 6 | 22.8 | 5200 | 10 | 120 | none | JST-XH | | | 53 | 740 |
| HV80C5200S7 | 7 | 26.6 | 5200 | 10 | 120 | none | JST-XH | 63 | 860 | | |

Hyperion G6 3.8V HV Lithium Polymer - constructed via our unique Hybrid RS technique - have the longest cycle life and most consistant performance of any brand HV lithium pack available today. Weights are given less connector weight. Continuous C-Rate for 100% delivered capacity is 1/2 C-Max rate. C-Max rate sustainable for 10 seconds maximum short-time peaks, with max cell temps of less than 65C for best cycle life performance. Note that wiring arrangement or connector choice may reduce MaxC rating. G6 HV packs can be charged to standard lipo teminal voltage of 4.2V per cell for typical energy density, or charged to a maximum of 4.35V per cell for rated capacity, or about 10% additional capacity and run time compared to standard LiPo packs.

Hyperion G6 HV 3.8V LiPo - Specifications

99 Cmax Air Series

| PART NUMBER | Series Cells S | Nominal Voltage (V) | Capacity (mAh) | Output Wire AWG | Wire Length (mm) | Output Wire Connector | Balance Connector | Length mm | Width mm | Height mm | Weight grams |
|-------------|----------------|---------------------|----------------|-----------------|------------------|-----------------------|-------------------|-----------|----------|-----------|--------------|
| HV99C3650S2 | 2 | 7.6 | 3650 | 12 | 120 | none | JST-XH | 137 | 44 | 16 | 173 |
| HV99C3650S3 | 3 | 11.4 | 3650 | 12 | 120 | none | JST-XH | | | 24 | 254 |
| HV99C3650S4 | 4 | 15.2 | 3650 | 12 | 120 | none | JST-XH | | | 31 | 334 |
| HV99C3650S5 | 5 | 19 | 3650 | 12 | 120 | none | JST-XH | | | 38 | 413 |
| HV99C3650S6 | 6 | 22.8 | 3650 | 12 | 120 | none | JST-XH | | | 45 | 492 |
| HV99C4400S2 | 2 | 7.6 | 4400 | 10 | 120 | none | JST-XH | | | 137 | 44 |
| HV99C4400S3 | 3 | 11.4 | 4400 | 10 | 120 | none | JST-XH | 28 | 333 | | |
| HV99C4400S4 | 4 | 15.2 | 4400 | 10 | 120 | none | JST-XH | 36 | 434 | | |
| HV99C4400S5 | 5 | 19 | 4400 | 10 | 120 | none | JST-XH | 45 | 538 | | |
| HV99C4400S6 | 6 | 22.8 | 4400 | 10 | 120 | none | JST-XH | 53 | 654 | | |
| HV99C4400S7 | 7 | 26.6 | 4400 | 10 | 120 | none | JST-XH | 62 | 760 | | |
| HV99C5200S2 | 2 | 7.6 | 5200 | 10 | 120 | none | JST-XH | 160 | 49 | | |
| HV99C5200S3 | 3 | 11.4 | 5200 | 10 | 120 | none | JST-XH | | | 31 | 409 |
| HV99C5200S4 | 4 | 15.2 | 5200 | 10 | 120 | none | JST-XH | | | 40 | 520 |
| HV99C5200S5 | 5 | 19 | 5200 | 10 | 120 | none | JST-XH | | | 49.5 | 654 |
| HV99C5200S6 | 6 | 22.8 | 5200 | 10 | 120 | none | JST-XH | | | 59 | 784 |
| HV99C5200S7 | 7 | 26.6 | 5200 | 10 | 120 | none | JST-XH | | | 68 | 914 |

Hyperion G6 3.8V HV Lithium Polymer - constructed via our unique Hybrid RS technique - have the longest cycle life and most constant performance of any brand HV lithium pack available today. Weights are given less connector weight. Continuous C-Rate for 100% delivered capacity is 1/2 C-Max rate. C-Max rate sustainable for 10 seconds maximum short-time peaks, with max cell temps of less than 65C for best cycle life performance. Note that wiring arrangement or connector choice may reduce MaxC rating. G6 HV packs can be charged to standard lipo terminal voltage of 4.2V per cell for typical energy density, or charged to a maximum of 4.35V per cell for rated capacity, or about 10% additional capacity and run time compared to standard LiPo packs.

Hyperion G6 SWIFT HV 3.8V LiPo - Car Pack Specifications

60 Cmax Car Series

| PART NUMBER | Series Cells S | Nominal Voltage (V) | Capacity (mAh) | Balance Connector | Mains Connector | Length mm | Width mm | Height mm | Weight grams |
|-------------|----------------|---------------------|----------------|-------------------|-----------------|-----------|----------|-----------|--------------|
| HC60C4000S2 | 2 | 7.6 | 4000 | 1x 2mm | 2x 4mm | 97 | 46.5 | 24.5 | 196 |
| HC60C5200S2 | 2 | 7.6 | 5200 | 1x 2mm | 2x 4mm | 137 | 46.5 | 23 | 248 |

99 Cmax Car Series

| | | | | | | | | | |
|-------------|---|-----|------|--------|-----|-----|------|------|-----|
| HC99C6000S2 | 2 | 7.6 | 6000 | 1x 2mm | 4mm | 137 | 46.5 | 24.5 | 279 |
|-------------|---|-----|------|--------|-----|-----|------|------|-----|

Hyperion G6 3.8V HV Lithium Polymer - constructed via our unique Hybrid RS technique - have the longest cycle life and most consistent performance of any brand HV lithium pack available today. Car Series Packs are ROAR Race Configuration, with single 2mm balance plug and 4mm long connectors for pos/neg mains. Continuous C-Rate for 100% delivered capacity is 1/2 C-Max rate. C-Max rate sustainable for 10 seconds maximum short-time peaks, with max cell temps of less than 65C for best cycle life performance. Note that wiring arrangement or connector choice may reduce MaxC rating. G6 HV packs can be charged to standard lipo terminal voltage of 4.2V per cell for typical energy density, or charged to a maximum of 4.35V per cell for rated capacity, or about 10% additional capacity and run time compared to standard LiPo packs.