

## Hyperion G5 3.7V LiPo - Specifications

### 50 Cmax Air Series

| PART NUMBER         | Series Cells S | Nominal Voltage (V) | Cap. (mAh) | WhR Rating | Output Wire AWG | Wire Length (mm) | Output Wire Conn. | Balance Conn. | Length mm (±2) | Width mm (±2) | Height mm (±2) | Weight grams |
|---------------------|----------------|---------------------|------------|------------|-----------------|------------------|-------------------|---------------|----------------|---------------|----------------|--------------|
| HP-G550-0070S1UM    | 1              | 3.7                 | 70         | 0.3        | none            | none             | PZ U-Micro        | none          | 26             | 12            | 7              | 2            |
| HP-G550-0100S1UM    | 1              | 3.7                 | 100        | 0.4        | none            | none             | PZ U-Micro        | none          | 31             | 12            | 7              | 3            |
| HP-G550-0120S1      | 1              | 3.7                 | 120        | 0.4        | none            | none             | none              | none          | 31             | 20            | 3              | 4            |
| HP-G550-0120S1UM    | 1              | 3.7                 | 120        | 0.4        | 26              | 30               | PZ U-Micro        | none          | 30             | 20            | 4              | 4            |
| HP-G550-0120S2      | 2              | 7.4                 | 120        | 0.9        | 22              | 80               | JST               | none          | 35             | 20            | 9              | 10           |
| HP-G550-0120S3      | 3              | 11.1                | 120        | 1.3        | 22              | 80               | JST               | none          | 36             | 20            | 16             | 16           |
| HP-G550-0130S1UM    | 1              | 3.7                 | 130        | 0.5        | none            | none             | PZ U-Micro        | none          | 36             | 12            | 7              | 4            |
| HP-G550-0160S1UM    | 1              | 3.7                 | 160        | 0.6        | none            | none             | PZ U-Micro        | none          | 42             | 12            | 7              | 4            |
| HP-G550-0180S1UM    | 1              | 3.7                 | 180        | 0.7        | 26              | none             | PZ U-Micro        | none          | 31             | 20            | 5              | 5            |
| HP-G550-0180S3      | 3              | 11.1                | 180        | 2          | 22              | 80               | JST               | JST-XH        | 39             | 20            | 16             | 20           |
| HP-G550-0200S1PH    | 1              | 3.7                 | 200        | 0.7        | none            | none             | PHR-2P            | none          | 50             | 12            | 7              | 5            |
| HP-G550-0200S1UM    | 1              | 3.7                 | 200        | 0.7        | none            | none             | PZ U-Micro        | none          | 49             | 12            | 7              | 5            |
| HP-G550-0240S1UM    | 1              | 3.7                 | 240        | 0.9        | 26              | 30               | PZ U-Micro        | none          | 32             | 20            | 6              | 7            |
| HP-G550-0240S2      | 2              | 7.4                 | 240        | 1.8        | 20              | 80               | JST               | none          | 35             | 20            | 13             | 16           |
| HP-G550-0240S2UMX   | 2              | 7.4                 | 240        | 1.8        | 22              | 40               | PHR-3P            | none          | 35             | 20            | 14             | 15           |
| HP-G550-0240S3      | 3              | 11.1                | 240        | 2.7        | 20              | 80               | JST               | JST-XH        | 38             | 20            | 19             | 25           |
| HP-G550-0320S1J     | 1              | 3.7                 | 320        | 1.2        | 20              | 30               | JST               | none          | 47             | 24            | 4              | 10           |
| HP-G550-0320S2      | 2              | 7.4                 | 320        | 2.4        | 20              | 80               | JST               | JST-XH        | 53             | 24            | 9              | 23           |
| HP-G550-0330S1MCP   | 1              | 3.7                 | 330        | 1.2        | none            | none             | PHR-2P            | none          | 42             | 19            | 7              | 8            |
| HP-G550-0330S2      | 2              | 7.4                 | 330        | 2.4        | none            | none             | JST-XH            | none          | 47             | 21            | 12             | 18           |
| HP-G550-0330S2UMX   | 2              | 7.4                 | 330        | 2.4        | 22              | 40               | PHR-3P            | none          | 48             | 17            | 13             | 18           |
| HP-G550-0450S2      | 2              | 7.4                 | 450        | 3.3        | 20              | 80               | JST               | JST-XH        | 57             | 30            | 11             | 30           |
| HP-G550-0450S3      | 3              | 11.1                | 450        | 5          | 20              | 80               | JST               | JST-XH        | 56             | 30            | 16             | 42           |
| HP-G550-0550S1J     | 1              | 3.7                 | 550        | 2          | none            | none             | JST               | none          | 60             | 19            | 7              | 14           |
| HP-G550-0550S1MCP   | 1              | 3.7                 | 550        | 2          | none            | none             | PHR-2P            | none          | 60             | 19            | 7              | 14           |
| HP-G550-0550S2      | 2              | 7.4                 | 550        | 4.1        | 20              | 80               | JST               | JST-XH        | 63             | 18            | 14             | 31           |
| HP-G550-0550S3      | 3              | 11.1                | 550        | 6.1        | 20              | 80               | JST               | JST-XH        | 64             | 18            | 21             | 46           |
| HP-G550-0850S2      | 2              | 7.4                 | 850        | 6.3        | 18              | 75               | XT30              | JST-XH        | 82             | 26            | 13             | 53           |
| HP-G550-0850S3      | 3              | 11.1                | 850        | 9.4        | 18              | 75               | XT30              | JST-XH        | 76             | 25            | 19             | 75           |
| HP-G550-1100S2      | 2              | 7.4                 | 1100       | 8.1        | 18              | 75               | XT30              | JST-XH        | 73             | 35            | 14             | 65           |
| HP-G550-1100S3      | 3              | 11.1                | 1100       | 12.2       | 18              | 75               | XT30              | JST-XH        | 76             | 35            | 19             | 95           |
| HP-G550-1100S3-XT60 | 3              | 11.1                | 1100       | 12.2       | 18              | 75               | XT60              | JST-XH        | 70             | 35            | 19             | 95           |
| HP-G550-1100S4      | 4              | 14.8                | 1100       | 16.3       | 18              | 80               | none              | JST-XH        | 71             | 35            | 25             | 119          |
| HP-G550-1300S2      | 2              | 7.4                 | 1300       | 9.6        | 16              | 75               | XT60              | JST-XH        | 74             | 34            | 15             | 76           |
| HP-G550-1300S3      | 3              | 11.1                | 1300       | 14.4       | 16              | 75               | XT60              | JST-XH        | 76             | 34            | 21             | 102          |
| HP-G550-1300S4      | 4              | 14.8                | 1300       | 19.2       | 16              | 75               | XT60              | JST-XH        | 71             | 34            | 27             | 137          |
| HP-G550-1600S3      | 3              | 11.1                | 1600       | 17.8       | 14              | 75               | XT60              | JST-XH        | 89             | 34            | 19             | 127          |
| HP-G550-1600S4      | 4              | 14.8                | 1600       | 23.7       | 14              | 75               | XT60              | JST-XH        | 92             | 34            | 24             | 159          |
| HP-G550-2100S3      | 3              | 11.1                | 2100       | 23.3       | 14              | 75               | XT60              | JST-XH        | 110            | 34            | 20             | 162          |
| HP-G550-2100S4      | 4              | 14.8                | 2100       | 31.1       | 14              | 75               | XT60              | JST-XH        | 107            | 34            | 27             | 204          |
| HP-G550-2500S3      | 3              | 11.1                | 2500       | 27.8       | 12              | 75               | XT60              | JST-XH        | 105            | 34            | 25             | 194          |
| HP-G550-2500S4      | 4              | 14.8                | 2500       | 37         | 12              | 75               | XT60              | JST-XH        | 105            | 34            | 32             | 249          |
| HP-G550-3300S3      | 3              | 11.1                | 3300       | 36.6       | 12              | 100              | XT90              | JST-XH        | 135            | 42            | 20             | 237          |
| HP-G550-3300S4      | 4              | 14.8                | 3300       | 48.8       | 12              | 100              | XT90              | JST-XH        | 138            | 42            | 28             | 340          |
| HP-G550-3300S6      | 6              | 22.2                | 3300       | 73.3       | 12              | 100              | XT90              | JST-XH        | 139            | 43            | 41             | 509          |
| HP-G550-4000S3      | 3              | 11.1                | 4000       | 44.4       | 10              | 120              | XT90              | JST-XH        | 136            | 39            | 26             | 315          |
| HP-G550-4000S4      | 4              | 14.8                | 4000       | 59.2       | 10              | 120              | XT90              | JST-XH        | 137            | 39            | 35             | 413          |

|                |   |      |      |      |    |     |      |        |     |    |    |     |
|----------------|---|------|------|------|----|-----|------|--------|-----|----|----|-----|
| HP-G550-4000S6 | 6 | 22.2 | 4000 | 88.8 | 10 | 120 | XT90 | JST-XH | 137 | 40 | 51 | 560 |
| HP-G550-5000S3 | 3 | 11.1 | 5000 | 55.5 | 10 | 120 | none | JST-XH | 135 | 42 | 29 | 373 |
| HP-G550-5000S4 | 4 | 14.8 | 5000 | 74   | 10 | 120 | XT90 | JST-XH | 138 | 42 | 38 | 494 |
| HP-G550-5000S6 | 6 | 22.2 | 5000 | 111  | 10 | 120 | none | JST-XH | 137 | 42 | 57 | 725 |

Hyperion G5 are 3.7V Lithium Polymer with maximum charge voltage of 4.2V per cell. G5 are new for 2016, and employ the latest technical improvements, while retaining Hyperion's unique Hybrid RS cell construction. G5 Hybrid RS provides the longest cycle life and most consistent performance of any brand lithium-cobalt pack available today.

## Hyperion G5 3.7V LiPo - Specifications

### 70 Cmax Air Series

| PART NUMBER    | Series Cells | Nominal Voltage (V) | Cap. (mAh) | WHR Rating | Output Wire AWG | Wire Length (mm) | Output Wire Conn. | Balance Conn. | Length mm (±2) | Width mm (±2) | Height mm (±2) | Weight grams |
|----------------|--------------|---------------------|------------|------------|-----------------|------------------|-------------------|---------------|----------------|---------------|----------------|--------------|
| HP-G570-0850S3 | 3            | 11.1                | 850        | 9.4        | 18              | 75               | XT30U             | JST-XH        | 81             | 25            | 19             | 75           |
| HP-G570-0850S4 | 4            | 14.8                | 850        | 12.6       | 18              | 75               | XT30U             | JST-XH        | 76             | 26            | 25             | 96           |
| HP-G570-1100S2 | 2            | 7.4                 | 1100       | 8.1        | 16              | 80               | none              | JST-XH        | 68             | 34            | 14             | 65           |
| HP-G570-1100S3 | 3            | 11.1                | 1100       | 12.2       | 16              | 75               | XT60              | JST-XH        | 71             | 35            | 19             | 94           |
| HP-G570-1100S4 | 4            | 14.8                | 1100       | 16.3       | 16              | 75               | XT60              | JST-XH        | 71             | 34            | 26             | 123          |
| HP-G570-1300S2 | 2            | 7.4                 | 1300       | 9.6        | 16              | 75               | XT60              | JST-XH        | 68             | 35            | 16             | 76           |
| HP-G570-1300S3 | 3            | 11.4                | 1300       | 14.8       | 16              | 75               | XT60              | JST-XH        | 70             | 34            | 22             | 109          |
| HP-G570-1300S4 | 4            | 14.8                | 1300       | 19.2       | 16              | 75               | XT60              | JST-XH        | 69             | 35            | 29             | 144          |
| HP-G570-1600S3 | 3            | 11.1                | 1600       | 17.8       | 14              | 75               | XT60              | JST-XH        | 89             | 34            | 22             | 140          |
| HP-G570-1600S4 | 4            | 14.8                | 1600       | 23.7       | 14              | 75               | XT60              | JST-XH        | 90             | 34            | 29             | 184          |
| HP-G570-1800S3 | 3            | 11.1                | 1800       | 20         | 14              | 75               | XT60              | JST-XH        | 87             | 28            | 25             | 132          |
| HP-G570-1800S4 | 4            | 14.8                | 1800       | 26.6       | 14              | 75               | XT60              | JST-XH        | 89             | 29            | 33             | 170          |
| HP-G570-2200S3 | 3            | 11.1                | 2200       | 24.4       | 12              | 75               | XT60              | JST-XH        | 112            | 34            | 23             | 181          |
| HP-G570-2200S4 | 4            | 14.8                | 2200       | 32.6       | 12              | 75               | XT60              | JST-XH        | 107            | 34            | 30             | 230          |
| HP-G570-2600S3 | 3            | 11.1                | 2600       | 28.9       | 12              | 100              | XT60              | JST-XH        | 107            | 34            | 29             | 223          |
| HP-G570-2600S4 | 4            | 14.8                | 2600       | 38.5       | 12              | 100              | XT60              | JST-XH        | 107            | 34            | 40             | 293          |
| HP-G570-3300S3 | 3            | 11.1                | 3300       | 36.6       | 12              | 120              | XT90              | JST-XH        | 137            | 42            | 21             | 277          |
| HP-G570-3300S4 | 4            | 14.8                | 3300       | 48.8       | 12              | 120              | XT90              | JST-XH        | 138            | 42            | 27             | 359          |
| HP-G570-3300S6 | 6            | 22.2                | 3300       | 73.3       | 12              | 120              | XT90              | JST-XH        | 138            | 43            | 40             | 523          |
| HP-G570-4200S3 | 3            | 11.1                | 4200       | 46.6       | 10              | 120              | XT90              | JST-XH        | 137            | 43            | 25             | 341          |
| HP-G570-4200S4 | 4            | 14.8                | 4200       | 62.2       | 10              | 120              | XT90              | JST-XH        | 139            | 43            | 34             | 441          |
| HP-G570-4200S6 | 6            | 22.2                | 4200       | 93.2       | 10              | 120              | XT90              | JST-XH        | 137            | 43            | 49             | 652          |
| HP-G570-5000S3 | 3            | 11.1                | 5000       | 55.5       | 10              | 120              | none              | JST-XH        | 161            | 49            | 25             | 407          |
| HP-G570-5000S4 | 4            | 14.8                | 5000       | 74         | 10              | 120              | none              | JST-XH        | 160            | 45            | 33             | 517          |
| HP-G570-5000S6 | 6            | 22.2                | 5000       | 111        | 10              | 120              | none              | JST-XH        | 161            | 45            | 49             | 767          |

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## Hyperion G5 3.3V LiFe - Specifications

| PART NUMBER   | Series Cells | Nominal Voltage (V) | Cap. (mAh) | WHR Rating | Output Wire AWG | Wire Length (mm) | Output Wire Conn. | Balance Conn. | Length mm (±2) | Width mm (±2) | Height mm (±2) | Weight grams |
|---|--------------|---------------------|------------|------------|-----------------|------------------|-------------------|---------------|----------------|---------------|----------------|--------------|
| <b>G5 LiFePO4 Transmitter Packs (Tx)</b>  |              |                     |            |            |                 |                  |                   |               |                |               |                |              |
| HP-FG505C1350S3XH   | 3            | 9.9                 | 1350       | 13.4       | 22              | 80               | JST-XH            | JST-XH        | 101            | 25            | 22             | 100          |
| HP-FG505C1350S3XH is a replacement battery for FrSky Tanarix X9D / X9D+ and other Tx which have similar tray size.                        |              |                     |            |            |                 |                  |                   |               |                |               |                |              |
| HP-FG505C1600S3   | 3            | 9.9                 | 1600       | 15.8       | 22              | 100              | JR-3P             | JST-XH        | 92             | 50            | 15             | 132          |
| HP-FG505-1600-3S (Futaba Flat) is a replacement for any transmitter which uses 8-cell NiMH in a "flat" arrangement                        |              |                     |            |            |                 |                  |                   |               |                |               |                |              |
| HP-FG505C1600S3XH   | 3            | 9.9                 | 1600       | 15.8       | 22              | 80               | JST-XH            | JST-XH        | 92             | 50            | 15             | 127          |
| HP-FG505C1350S3XH is a replacement battery for FrSky Tanarix Q X7 and other Tx which have similar tray size.                              |              |                     |            |            |                 |                  |                   |               |                |               |                |              |
| HP-FG505C2080S2   | 2            | 6.6                 | 2080       | 13.7       | 22              | 100              | JR-3P             | JST-XH        | 78             | 42            | 17             | 103          |
| HP-FG505-2080-2S (Futaba 4PK) is a replacement for CAR Tx (or any) which use 5-cell NiMH "flat" packs, such as Futaba 4PK Pistol grip Tx. |              |                     |            |            |                 |                  |                   |               |                |               |                |              |
| HP-FG505C2100S3   | 3            | 9.9                 | 2100       | 20.8       | 22              | 100              | JR-3P             | JST-XH        | 96             | 31            | 29             | 156          |
| HP-FG505-2100-3S (Standard) is a replacement for any transmitter which uses 8-cell NiMH in a 2x2x2 "block" arrangement.                   |              |                     |            |            |                 |                  |                   |               |                |               |                |              |
| <b>G5 LiFePO4 Receiver Packs (Rx)</b>   |              |                     |            |            |                 |                  |                   |               |                |               |                |              |
| HP-FG505C0850S2   | 2            | 6.6                 | 850        | 5.6        | 22              | 100              | JR-3P             | JST-XH        | 57             | 30            | 17             | 52           |
| HP-FG505C1450S2   | 2            | 6.6                 | 1450       | 9.6        | 22              | 100              | JR-3P             | JST-XH        | 88             | 30            | 17             | 81           |
| HP-FG505C1600S2   | 2            | 6.6                 | 1600       | 10.6       | 22              | 100              | JR-3P             | JST-XH        | 90             | 50            | 10             | 90           |
| HP-FG505C1700S2   | 2            | 6.6                 | 1700       | 11.2       | 22              | 100              | JR-3P             | JST-XH        | 57             | 31            | 31             | 95           |
| HP-FG505C2100S2   | 2            | 6.6                 | 2100       | 13.9       | 22              | 100              | JR-3P             | JST-XH        | 96             | 30            | 20             | 109          |
| HP-FG505C3000S2   | 2            | 6.6                 | 3000       | 19.8       | 22              | 100              | JR-3P             | JST-XH        | 135            | 36            | 20             | 186          |
| HP-FG520C3800S2   | 2            | 6.6                 | 3800       | 25.1       | 22              | 100              | JR-3P             | JST-XH        | 133            | 42            | 20             | 221          |

Hyperion G5 Transmitter pack is an excellent alternative to heavy and bulky NiCd/NiMh battery transmitter packs. Almost all transmitter and receiver power packs today use NiCd/NiMh cells. Switch to a better and safe technology LiFePO4 battery with (3.3V/cell) an excellent replacement for NiMH on voltage basis. In addition, the LiFe chemistry is not subject to "thermal runaway" fires, which can occur when overcharged, a safer alternative to LiPo. LiFe cells can be stored in a fully charged state, and discharged deeper, without damage to the cells. So they are more "rugged" than LiPo, safer, more convenient and a better choice overall.