

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
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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.