

Hyperion G3 LiPo - Specifications

CX 25C TYPES

PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire L (mm)	Pack Ri (mΩ)	Length mm	Width mm	Height mm	Weight grams	
LG325-0120-1S	3.7	120	-	-	-	59.0	30.6	20.1	3.6	3.73	
LG325-0120-2S	7.4	120	22 awg	No	80	116.0	37.7		10.7	11.43	
LG325-0120-3S	11.1	120	22 awg	No	80	166.0			16.3	16.15	
LG325-0130-1S-UM	3.7	130	-	-	-	57.0	36.0	11.1	6.0	3.85	
LG325-0160-1S-UM	3.7	160	-	-	-	57.0	43.0	11.1	6.0	4.55	
LG325-0180-1S	3.7	180	-	-	-	52.5	30.6	20.2	6.0	5.10	
LG325-0180-2S	7.4	180	20 awg	No	80	110.5	38.1		13.3	13.55	
LG325-0180-3S	11.1	180	20 awg	No	80	151.0			19.4	19.40	
LG325-0240-1S	3.7	240	-	-	-	46.0	30.6	20.2	6.0	6.49	
LG325-0240-2S	7.4	240	20 awg	No	80	105.0	38.1		13.3	16.77	
LG325-0240-3S	11.1	240	20 awg	Yes	80	136.0			19.4	23.79	
LG325-0450-2S	7.4	450	20 awg	Yes	80	33.0	55.8	30.0	10.4	29.41	
LG325-0450-3S	11.1	450	20 awg	Yes	80	46.0				14.8	42.48
LG325-0850-2S	7.4	850	18 awg	Yes	80	20.0	73.5	25.8	12.5	48	
LG325-0850-3S	11.1	850	18 awg	Yes	80	30.0				18.6	69
LG325-1100-2S	7.4	1100	16 awg	Yes	100	17.0	67.7	35.3	13.6	63	
LG325-1100-3S	11.1	1100	16 awg	Yes	100	25.0				19.6	89
LG325-1300-2S	7.4	1300	16 awg	Yes	100	13.0	67.7	35.3	16.1	74	
LG325-1300-3S	11.1	1300	16 awg	Yes	100	19.0				23.1	103
LG325-1600-2S	7.4	1600	14 awg	Yes	100	9.5	88.6	33.5	14.2	89	
LG325-1600-3S	11.1	1600	14 awg	Yes	100	14.1				20.5	128
LG325-2100-2S	7.4	2100	14 awg	Yes	100	7.0	105.0	34.1	14.9	112	
LG325-2100-3S	11.1	2100	14 awg	Yes	100	10.0				21.7	163
LG325-2100-4S	14.8	2100	14 awg	Yes	100	12.9				28.5	214
LG325-2500-2S	7.4	2500	12 awg	Yes	120	5.0	105.5	34.1	18.2	140	
LG325-2500-3S	11.1	2500	12 awg	Yes	120	7.5				26.8	205
LG325-2500-4S	14.8	2500	12 awg	Yes	120	9.5				35.3	266
LG325-2500-5S	18.5	2500	12 awg	Yes	120	11.5				44.9	336
LG325-2500-6S	22.2	2500	12 awg	Yes	120	13.5				53.3	400
LG325-3300-2S	7.4	3300	12 awg	Yes	120	4.3	135.0	43.4	15.3	192	
LG325-3300-3S	11.1	3300	12 awg	Yes	120	5.8				21.8	276
LG325-3300-4S	14.8	3300	12 awg	Yes	120	7.8				28.8	364
LG325-3300-5S	18.5	3300	12 awg	Yes	120	9.7				36.0	455
LG325-3300-6S	22.2	3300	12 awg	Yes	120	11.6				43.1	545
LG325-4000-2S	7.4	4000	12 awg	Yes	120	3.8	135.5	39.2	18.6	212	
LG325-4000-3S	11.1	4000	12 awg	Yes	120	5.5				27.4	310
LG325-4000-4S	14.8	4000	12 awg	Yes	120	7.0				36.0	411
LG325-4000-5S	18.5	4000	12 awg	Yes	120	8.5				45.1	506
LG325-4000-6S	22.2	4000	12 awg	Yes	120	10.5				53.5	604
LG325-4000-7S	25.9	4000	12 awg	Yes	120	12.2		62.5	699		
LG325-5000-2S	7.4	5000	12 awg	Yes	120	3.4	136.5	42.4	21.0	258	
LG325-5000-3S	11.1	5000	12 awg	Yes	120	5.0				30.7	378
LG325-5000-4S	14.8	5000	12 awg	Yes	120	6.5				40.9	498
LG325-5000-5S	18.5	5000	12 awg	Yes	120	7.8				51.2	621
LG325-5000-6S	22.2	5000	12 awg	Yes	120	9.1				61.1	747
LG325-5000-7S	25.9	5000	12 awg	Yes	120	10.4		70.7	856		

NOTE: 120, 180, 240, and 450mAh packs come with JST main connector installed. Some of these small packs do not use balance adapters, in order to save weight. See details in chart above. LG325-0130-1S-UM is ready to plug into Ultra Micro (Eflite) and Minium (Kyosho) models, and includes mating two-pin connector for ESC or charge harness. All CX and VX packs 850mAh and above have Hyperion-style balance connector, and solder-tinned main output wires without connector.

Hyperion G3 LiPo - Specifications

VX 35C 2S~7S TYPES

PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire Length (mm)	Pack Ri (mΩ)	L mm	W mm	H mm	Weight grams
LG335-1100-2S	7.4	1100	16 awg	Yes	100	15.0	68.6	34.4	14.8	67
LG335-1100-3S	11.1	1100	16 awg	Yes	100	22.0			21.0	98
LG335-1600-2S	7.4	1600	14 awg	Yes	100	8.9	89.1	33.6	14.9	93
LG335-1600-3S	11.1	1600	14 awg	Yes	100	12.0			21.3	134
LG335-1800-2S	7.4	1800	14 awg	Yes	100	7.8	84.7	27.8	17.9	94
LG335-1800-3S	11.1	1800	14 awg	Yes	100	10.5			26.1	137
LG335-2200-2S	7.4	2200	12 awg	Yes	120	4.8	106.2	33.9	16.7	131
LG335-2200-3S	11.1	2200	12 awg	Yes	120	7.0			24.5	190
LG335-2200-4S	14.8	2200	12 awg	Yes	120	9.5			32.4	247
LG335-2200-5S	18.5	2200	12 awg	Yes	120	11.5			40.2	307
LG335-2200-6S	22.2	2200	12 awg	Yes	120	14.0			47.9	367
LG335-2600-2S	7.4	2600	12 awg	Yes	120	4.6	106.8	33.9	19.0	146
LG335-2600-3S	11.1	2600	12 awg	Yes	120	6.5			27.4	213
LG335-2600-4S	14.8	2600	12 awg	Yes	120	8.5			36.1	278
LG335-2600-5S	18.5	2600	12 awg	Yes	120	10.5			44.9	344
LG335-2600-6S	22.2	2600	12 awg	Yes	120	12.5			52.6	404
LG335-2950-2S	7.4	2985	12 awg	Yes	120	4.3	136.3	43.0	13.6	176
LG335-2950-3S	11.1	2985	12 awg	Yes	120	6.1			19.9	255
LG335-2950-4S	14.8	2985	12 awg	Yes	120	8.0			26.1	334
LG335-2950-5S	18.5	2985	12 awg	Yes	120	9.9			33.6	420
LG335-2950-6S	22.2	2985	12 awg	Yes	120	11.5			38.7	495
LG335-3300-2S	7.4	3300	12 awg	Yes	120	4.0	136.3	43.0	15.0	194
LG335-3300-3S	11.1	3300	12 awg	Yes	120	5.8			22.1	283
LG335-3300-4S	14.8	3300	12 awg	Yes	120	7.5			29.0	373
LG335-3300-5S	18.5	3300	12 awg	Yes	120	9.2			36.0	460
LG335-3300-6S	22.2	3300	12 awg	Yes	120	10.9			42.7	546
LG335-4200-2S	7.4	4200	10 awg	Yes	120	2.6	136.3	43.0	18.9	242
LG335-4200-3S	11.1	4200	10 awg	Yes	120	4.0			27.6	345
LG335-4200-4S	14.8	4200	10 awg	Yes	120	5.2			36.5	449
LG335-4200-5S	18.5	4200	10 awg	Yes	120	6.4			45.1	561
LG335-4200-6S	22.2	4200	10 awg	Yes	120	7.6			54.7	666
LG335-4200-7S	25.9	4200	10 awg	Yes	120	8.8			63.1	772
LG335-5000-2S	7.4	5000	10 awg	Yes	120	2.4	158.5	45.0	20.1	289
LG335-5000-3S	11.1	5000	10 awg	Yes	120	3.7			28.5	428
LG335-5000-4S	14.8	5000	10 awg	Yes	120	4.8			37.6	545
LG335-5000-5S	18.5	5000	10 awg	Yes	120	6.0			47.2	699
LG335-5000-6S	22.2	5000	10 awg	Yes	120	7.2			55.8	815
LG335-5000-7S	25.9	5000	10 awg	Yes	120	7.6			66.1	969
LG335-5000-H5S	18.5	5000	12 awg	Yes	120	6.1	160.0	88.1	29.2	700
LG335-5400-2S	7.4	5400	10 awg	Yes	120	2.3	158.5	46.8	20.7	308
LG335-5400-3S	11.1	5400	10 awg	Yes	120	3.4			30.7	459
LG335-5400-4S	14.8	5400	10 awg	Yes	120	4.5			40.2	594
LG335-5400-5S	18.5	5400	10 awg	Yes	120	5.6			50.4	745
LG335-5400-6S	22.2	5400	10 awg	Yes	120	6.7			60.5	870
LG335-5400-7S	25.9	5400	10 awg	Yes	120	7.8			70.0	1022
LG335-6500-2S	7.4	6500	10 awg	Yes	120	2.1	160.0	47.0	23.6	351
LG335-6500-3S	11.1	6500	10 awg	Yes	120	3.2			35.3	527
LG335-6500-4S	14.8	6500	10 awg	Yes	120	4.3			46.6	685
LG335-6500-5S	18.5	6500	10 awg	Yes	120	5.3			58.0	867
LG335-6500-6S	22.2	6500	10 awg	Yes	120	6.4			70.8	1011
LG335-6500-7S	25.9	6500	10 awg	Yes	120	7.5			82.0	1199

HP-LG335-5000-H5S is a 5S "hump" pack intended for EDF jet models.

Hyperion G3 LiPo - Specifications

VX 35C 8S~12S TYPES

PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire Length (mm)	Pack Ri (mΩ)	L mm	W mm	H mm	Weight grams
LG335-4500-S08S	29.6	4500	10 awg	Yes	120	10.0	277.0	45.0	39.4	962
LG335-4500-S10S	37	4500	10 awg	Yes	120	12.3			48.4	1188
LG335-4500-S12S	44.4	4500	10 awg	Yes	120	14.6			57.0	1413
LG335-5000-S08S	29.6	5000	10 awg	Yes	120	9.6	277.0	45.0	46.4	1057
LG335-5000-S10S	37	5000	10 awg	Yes	120	14.1			52.5	1310
LG335-5400-S08S	29.6	5500	10 awg	Yes	120	9.1	279.0	46.0	46.5	1170
LG335-5400-S10S	37	5500	10 awg	Yes	120	11.3			47.6	1450

Packs ending in S6S, S7S, and all packs 8S, 10S, 12S are internally "split" in order to meet international shipping regulations on watt-hours per pack. The S6S and S7S are not listed in this document yet, but their specs are the same as corresponding non-split types, with 20g~28g additional weight in series wiring. 6500mAh and 5500mAh packs are no longer in production, as they exceed the 20Wh per cell limit on shipping. 5500 packs remaining on sale have same specs as 5400 above, but with ~2% additional weight per pack. 8S to 12S packs as currently supplied do not have a Y harness for balance adapter. For users of Hyperion DUO dual-port (or 2x NET) chargers, you may charge the packs while they remain SPLIT, using both charge ports and SYNC MODE. Users of other-brand single-port chargers will be able to charge these packs when Y adapters become available after March 15 2010.

NOTE: Your Hyperion G3 pack - when properly used and maintained - will continue to decrease in resistance over the first 40~100 cycles. We recommend a five-flight "break in" for G3 lipo, during which charge rate should be limited to 3C or less, and in-flight throttle management by the pilot should avoid drawing maximum currents for extended periods.