

Hyperion G3 LiPo - Specifications

CX 25C Small Packs and Cells

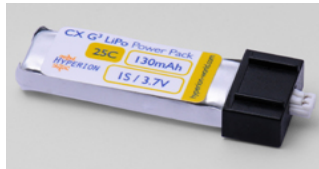
PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire L (mm)	Discharge Connector	Length mm	Width mm	Height mm	Weight grams
LG325-0070-1S-UM	3.7	70	-	n/a	-	PZ U-Micro	25.1	10.7	5.5	2.50
LG325-0100-1S-N1	3.7	100	-	n/a	-	Nine Eagles	34.2	11.8	6.6	3.37
LG325-0100-1S-N2	3.7	100	-	n/a	-	Nine Eagles				3.32
LG325-0100-1S-UM	3.7	100	-	n/a	-	PZ U-Micro	30.8	10.7	5.5	3.22
LG325-0120-1S-M	3.7	120	-	n/a	-	PZ U-Micro	32.3	20.2	3.7	4.26
LG325-0120-1S	3.7	120	-	n/a	-	-	30.6		3.6	3.73
LG325-0120-2S	7.4	120	22 awg	No	80	JST	37.7		10.7	11.43
LG325-0120-3S	11.1	120	22 awg	No	80	JST			16.3	16.15
LG325-0130-1S-N1	3.7	130	-	n/a	-	Nine Eagles	39.7	11.8	6.6	4.13
LG325-0130-1S-N2	3.7	130	-	n/a	-	Nine Eagles				4.01
LG325-0130-1S-UM	3.7	130	-	n/a	-	PZ U-Micro	36.0	11.1	6.0	3.85
LG325-0160-1S-UM	3.7	160	-	n/a	-	PZ U-Micro	43.0	11.1	6.0	4.55
LG325-0180-1S-M	3.7	180	-	n/a	-	PZ U-Micro	32.3	20.2	5.2	5.65
LG325-0180-1S	3.7	180	-	n/a	-	-	30.6		5.1	5.10
LG325-0180-2S	7.4	180	20 awg	No	80	JST	38.1		12.3	13.55
LG325-0180-2S-UMX	7.4	180	20 awg	No	40	PZ UMX				13.58
LG325-0180-3S	11.1	180	20 awg	No	80	JST				18.4
LG325-0240-1S-M	3.7	240	-	n/a	-	PZ U-Micro	30.6	20.2	6.3	7.03
LG325-0240-1S	3.7	240	-	n/a	-	-	30.6		6.2	6.49
LG325-0240-2S	7.4	240	20 awg	No	80	JST	38.1		13.3	16.77
LG325-0240-2S-UMX	7.4	240	20 awg	No	40	PZ UMX				16.48
LG325-0240-3S	11.1	240	20 awg	Yes	80	JST				19.4
LG325-0250-1S-MCP	3.7	250	-	n/a	-	PZ U-Micro	43.0	19.0	5.8	7.81

Packs listed above with part numbers ending in "-1S" are LOOSE (bare) cells with nickel tabs for soldering. Packs with part numbers ending in "-UM" are direct replacements for stock packs in ParkZone (eflite) Ultra Micro Models and Kyosho Minium series models. Packs with part numbers ending in "-M" have the same connectors as the "UM" types, but on short wire leads. They fit many of the Eflite/Kyosho micro models, but may need slight airframe modifications, such as velcro attachment.

"-1S" Loose Cells



"-UM" 1S packs.



"-M" 1S packs



NOTE: Some of the small 2S/3S packs do not use balance adapters, in order to save weight. See the end of this page, for details on charging and storing small and 1S packs: <http://media.hyperion.hk/dn/g3lipo/lgum6p.htm>

For further information and details on proper use and care of LIPO batteries see <http://media.hyperion.hk/dn/g3lipo/>

G3 CX 25C Series



G3 VX 35C Series



G3 EX 45C Series



See the following pages for 450mAh+ G3 CX 25C, all G3 VX 35C including 8S to 12S packs, and all G3 EX 45C packs.

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CX 25C 320mAh and Larger

PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire L (mm)	Discharge Connector	Length mm	Width mm	Height mm	Weight grams
LG325-0320-1S	3.7	320	-	n/a	-	-	46.5	23.5	4.0	8.59
LG325-0320-1S-J	3.7	320	20 awg	n/a	25	JST	47.5		4.5	10.10
LG325-0320-2S	7.4	320	20 awg	Yes	80	JST	54.0		9.5	23.10
LG325-0320-3S	11.1	320	20 awg	Yes	80	JST			13.7	33.05
LG325-0450-2S	7.4	450	20 awg	Yes	80	none	55.8	30.0	10.4	29.41
LG325-0450-3S	11.1	450	20 awg	Yes	80	none			14.8	42.48
LG325-0550-1S-SR	3.7	550	20 awg	n/a	15	JST	58.8	18.8	6.2	14.35
LG325-0550-2S	7.4	550	20 awg	Yes	80	JST	64.2	18.2	14.5	32.50
LG325-0550-3S	11.1	550	20 awg	Yes	80	JST			21.5	47.00
LG325-0850-2S	7.4	850	18 awg	Yes	80	none	73.5	25.8	12.5	48
LG325-0850-3S	11.1	850	18 awg	Yes	80	none			18.6	69
LG325-1100-2S	7.4	1100	16 awg	Yes	100	none	67.7	35.3	13.6	63
LG325-1100-3S	11.1	1100	16 awg	Yes	100	none			19.6	89
LG325-1300-2S	7.4	1300	16 awg	Yes	100	none	67.7	35.3	16.1	74
LG325-1300-3S	11.1	1300	16 awg	Yes	100	none			23.1	103
LG325-1600-2S	7.4	1600	14 awg	Yes	100	none	88.6	33.5	14.2	89
LG325-1600-3S	11.1	1600	14 awg	Yes	100	none			20.5	128
LG325-2100-2S	7.4	2100	14 awg	Yes	100	none	105.0	34.1	14.9	112
LG325-2100-3S	11.1	2100	14 awg	Yes	100	none			21.7	163
LG325-2100-4S	14.8	2100	14 awg	Yes	100	none			28.5	214
LG325-2500-2S	7.4	2500	12 awg	Yes	120	none	105.5	34.1	18.2	140
LG325-2500-3S	11.1	2500	12 awg	Yes	120	none			26.8	205
LG325-2500-4S	14.8	2500	12 awg	Yes	120	none			35.3	266
LG325-2500-5S	18.5	2500	12 awg	Yes	120	none			44.9	336
LG325-2500-6S	22.2	2500	12 awg	Yes	120	none			53.3	400
LG325-3300-2S	7.4	3300	12 awg	Yes	120	none	135.0	43.4	15.3	192
LG325-3300-3S	11.1	3300	12 awg	Yes	120	none			21.8	276
LG325-3300-4S	14.8	3300	12 awg	Yes	120	none			28.8	364
LG325-3300-5S	18.5	3300	12 awg	Yes	120	none			36.0	455
LG325-3300-6S	22.2	3300	12 awg	Yes	120	none			43.1	545
LG325-4000-2S	7.4	4000	12 awg	Yes	120	none	135.5	39.2	18.6	212
LG325-4000-3S	11.1	4000	12 awg	Yes	120	none			27.4	310
LG325-4000-4S	14.8	4000	12 awg	Yes	120	none			36.0	411
LG325-4000-5S	18.5	4000	12 awg	Yes	120	none			45.1	506
LG325-4000-6S	22.2	4000	12 awg	Yes	120	none			53.5	604
LG325-4000-S7S	25.9	4000	12 awg	Yes	120	none			62.5	716
LG325-4600-5S	18.5	4600	12 awg	Yes	120	none	135.0	42.5	45.8	550
LG325-5000-2S	7.4	5000	12 awg	Yes	120	none	136.5	42.4	21.0	258
LG325-5000-3S	11.1	5000	12 awg	Yes	120	none			30.7	378
LG325-5000-4S	14.8	5000	12 awg	Yes	120	none			40.9	498
LG325-5000-5S	18.5	5000	12 awg	Yes	120	none			51.2	621
LG325-5000-S6S	22.2	5000	12 awg	Yes	120	none			61.1	766
LG325-5000-S7S	25.9	5000	12 awg	Yes	120	none			70.7	890

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. 6S and 7S Split packs are supplied a "Y" harness for balance adapter. For users of Hyperion DUO dual-port (or 2x NET) chargers, you may charge the packs WITHOUT the "Y" adapter 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 via the Y adapters as a single pack, assuming the charger supports the "S" count of the pack when series wired. 8S to 12S packs are intended for use with Hyperion DUO or 2x NET chargers via SYNC Mode (or upcoming 1420iNET charger as single pack will be possible, too). For other-brand chargers as a single pack, it may be possible to use adapters HP-EOSLBA-**HPxx, which come in Thunderpower, EH, and XH balancer versions for 2S to 7S.

VX 6500mAh are no longer in production, as they exceed the 20Wh per cell limit on shipping, but remain in stock at select dealers.

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

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VX 35C 2S~7S TYPES

PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire Length (mm)	Discharge Connector	L mm	W mm	H mm	Weight grams
LG335-1100-2S	7.4	1100	16 awg	Yes	100	none	68.6	34.4	14.8	67
LG335-1100-3S	11.1	1100	16 awg	Yes	100	none			21.0	98
LG335-1600-2S	7.4	1600	14 awg	Yes	100	none	89.0	33.0	14.9	93
LG335-1600-3S	11.1	1600	14 awg	Yes	100	none			21.3	134
LG335-1800-2S	7.4	1800	14 awg	Yes	100	none	84.7	27.8	17.9	94
LG335-1800-3S	11.1	1800	14 awg	Yes	100	none			26.1	137
LG335-2200-2S	7.4	2200	12 awg	Yes	120	none	105.0	34.0	16.7	131
LG335-2200-3S	11.1	2200	12 awg	Yes	120	none			24.5	190
LG335-2200-4S	14.8	2200	12 awg	Yes	120	none			32.4	247
LG335-2200-5S	18.5	2200	12 awg	Yes	120	none			40.2	307
LG335-2200-6S	22.2	2200	12 awg	Yes	120	none			47.9	367
LG335-2600-2S	7.4	2600	12 awg	Yes	120	none			107.0	34.0
LG335-2600-3S	11.1	2600	12 awg	Yes	120	none	27.4	213		
LG335-2600-4S	14.8	2600	12 awg	Yes	120	none	36.1	278		
LG335-2600-5S	18.5	2600	12 awg	Yes	120	none	44.9	344		
LG335-2600-6S	22.2	2600	12 awg	Yes	120	none	52.6	404		
LG335-2950-2S	7.4	2985	12 awg	Yes	120	none	136.3	43.0	13.6	176
LG335-2950-3S	11.1	2985	12 awg	Yes	120	none			19.9	255
LG335-2950-4S	14.8	2985	12 awg	Yes	120	none			26.1	334
LG335-2950-5S	18.5	2985	12 awg	Yes	120	none			33.6	420
LG335-2950-6S	22.2	2985	12 awg	Yes	120	none			38.7	495
LG335-3300-2S	7.4	3300	12 awg	Yes	120	none	136.3	43.0	15.0	186
LG335-3300-3S	11.1	3300	12 awg	Yes	120	none			22.1	270
LG335-3300-4S	14.8	3300	12 awg	Yes	120	none			29.0	357
LG335-3300-5S	18.5	3300	12 awg	Yes	120	none			36.0	452
LG335-3300-6S	22.2	3300	12 awg	Yes	120	none			42.7	528
LG335-4200-2S	7.4	4200	10 awg	Yes	120	none	136.3	43.0	18.9	242
LG335-4200-3S	11.1	4200	10 awg	Yes	120	none			27.6	345
LG335-4200-4S	14.8	4200	10 awg	Yes	120	none			36.5	449
LG335-4200-5S	18.5	4200	10 awg	Yes	120	none			45.1	561
LG335-4200-6S	22.2	4200	10 awg	Yes	120	none			54.7	666
LG335-4200-S7S	25.9	4200	10 awg	Yes	120	none			63.1	790
LG335-5000-2S	7.4	5000	10 awg	Yes	120	none	158.5	45.0	20.1	289
LG335-5000-3S	11.1	5000	10 awg	Yes	120	none			28.5	428
LG335-5000-4S	14.8	5000	10 awg	Yes	120	none			37.6	545
LG335-5000-5S	18.5	5000	10 awg	Yes	120	none			47.2	699
LG335-5000-S6S	22.2	5000	10 awg	Yes	120	none			55.8	849
LG335-5000-S7S	25.9	5000	10 awg	Yes	120	none			66.1	973
LG335-5000-H5S	18.5	5000	12 awg	Yes	120	none	160.0	88.1	29.2	700
LG335-5400-2S	7.4	5400	10 awg	Yes	120	none	158.5	46.8	20.7	308
LG335-5400-3S	11.1	5400	10 awg	Yes	120	none			30.7	459
LG335-5400-4S	14.8	5400	10 awg	Yes	120	none			40.2	594
LG335-5400-5S	18.5	5400	10 awg	Yes	120	none			50.4	745
LG335-5400-S6S	22.2	5400	10 awg	Yes	120	none			60.5	920
LG335-5400-S7S	25.9	5400	10 awg	Yes	120	none			70.0	1043
LG335-6500-2S	7.4	6500	10 awg	Yes	120	none	160.0	47.0	23.6	351
LG335-6500-3S	11.1	6500	10 awg	Yes	120	none			35.3	527
LG335-6500-4S	14.8	6500	10 awg	Yes	120	none			46.6	685
LG335-6500-5S	18.5	6500	10 awg	Yes	120	none			58.0	867
LG335-6500-6S	22.2	6500	10 awg	Yes	120	none			70.8	1011
LG335-6500-7S	25.9	6500	10 awg	Yes	120	none			82.0	1199

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VX 35C 8S~12S TYPES

PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire Length (mm)	Discharge Connector	L mm	W mm	H mm	Weight grams
LG335-4500-S08S	29.6	4500	10 awg	Yes	120	none	277.0	45.0	39.4	962
LG335-4500-S10S	37	4500	10 awg	Yes	120	none			48.4	1188
LG335-4500-S12S	44.4	4500	10 awg	Yes	120	none			57.0	1413
LG335-5000-S08S	29.6	5000	10 awg	Yes	120	none	277.0	45.0	46.4	1057
LG335-5000-S10S	37	5000	10 awg	Yes	120	none			52.5	1310
LG335-5400-S08S	29.6	5500	10 awg	Yes	120	none	279.0	46.0	46.5	1170
LG335-5400-S10S	37	5500	10 awg	Yes	120	none			47.6	1450

Hyperion G3 LiPo - Specifications

EX 45C 2S~7S TYPES

PART NUMBER (HP-XXXXX...)	Voltage (V)	Capacity (mAh)	Discharge Wire Size	Balance Connector	Disc. Wire Length (mm)	Discharge Connector	L mm	W mm	H mm	Weight grams
LG345-0900-2S	7.4	900	16 awg	Yes	100	none	70.0	34.0	12.0	58
LG345-0900-3S	11.1	900	16 awg	Yes	100	none			18.0	85
LG345-1100-2S	7.4	1100	16 awg	Yes	100	none	70.0	34.4	14.0	69
LG345-1100-3S	11.1	1100	16 awg	Yes	100	none			20.0	100
LG345-1100-6S*	22.2	1100	16 awg	Yes	100	none			40.0	191
LG345-1600-2S	7.4	1600	14 awg	Yes	100	none	89.0	33.0	16.0	96
LG345-1600-3S	11.1	1600	14 awg	Yes	100	none			22.0	139
LG345-1900-2S	7.4	1900	14 awg	Yes	100	none	104.0	33.0	15.5	112
LG345-1900-3S	11.1	1900	14 awg	Yes	100	none			22.5	160
LG345-2200-2S	7.4	2200	12 awg	Yes	120	none	105.0	34.0	18.0	135
LG345-2200-3S	11.1	2200	12 awg	Yes	120	none			27.0	196
LG345-2200-4S	14.8	2200	12 awg	Yes	120	none			35.0	257
LG345-2200-5S	18.5	2200	12 awg	Yes	120	none			43.0	316
LG345-2200-6S	22.2	2200	12 awg	Yes	120	none			52.5	378
LG345-2600-2S	7.4	2600	12 awg	Yes	120	none	106.0	37.5	18.5	156
LG345-2600-3S	11.1	2600	12 awg	Yes	120	none			27.0	226
LG345-2600-4S	14.8	2600	12 awg	Yes	120	none			36.0	297
LG345-2600-5S	18.5	2600	12 awg	Yes	120	none			45.0	369
LG345-2600-6S	22.2	2600	12 awg	Yes	120	none			53.0	438
LG345-3300-2S	7.4	3300	12 awg	Yes	120	none	136.0	43.0	15.0	196
LG345-3300-3S	11.1	3300	12 awg	Yes	120	none			23.0	278
LG345-3300-4S	14.8	3300	12 awg	Yes	120	none			30.0	364
LG345-3300-5S	18.5	3300	12 awg	Yes	120	none			37.0	462
LG345-3300-6S	22.2	3300	12 awg	Yes	120	none			45.0	537
LG345-4200-2S	7.4	4200	10 awg	Yes	120	none	136.0	43.0	19.0	249
LG345-4200-3S	11.1	4200	10 awg	Yes	120	none			28.0	351
LG345-4200-4S	14.8	4200	10 awg	Yes	120	none			36.5	461
LG345-4200-5S	18.5	4200	10 awg	Yes	120	none			45.0	565
LG345-4200-6S	22.2	4200	10 awg	Yes	120	none			54.0	674
LG345-4200-S7S	25.9	4200	10 awg	Yes	120	none			63.0	804
LG345-5000-2S	7.4	5000	10 awg	Yes	120	none	160.0	44.0	19.5	296
LG345-5000-3S	11.1	5000	10 awg	Yes	120	none			29.5	446
LG345-5000-4S	14.8	5000	10 awg	Yes	120	none			39	572
LG345-5000-5S	18.5	5000	10 awg	Yes	120	none			48.5	721
LG345-5000-S6S	22.2	5000	10 awg	Yes	120	none			57	881
LG345-5000-S7S	25.9	5000	10 awg	Yes	120	none			66.5	999

* LG345-1100-6S is a special pack for super-efficient 450-class heli setup, using Hyperion Hs2221-1630 or Scorpion HK2221-1630 motors, and Hyperion 30A ATLAS ESC with SBEC, HP-ATLAS-030SB