



深圳金山電池有限公司

文件標題: Model list of GP Lithium batteries
文件編號: WI-RD-P03-164

客戶名稱: 金山電池有限公司
修訂編號: 9 受控文件 第 1 頁 共 7 頁



本文件的制訂及批核

前言

- 本管制文件的制訂及批核須經由指定人員執行。
- 授權批核人授權及負責對本文件進行修訂。

限制權限文件:

制訂及驗證

文件制作人: 关秀明
職位: 高级工程师
本文件批核

制作 2018/12/10
日期及時間: 11:31:11 AM

授權批核: 周如心
職位: 副总监

批核 2018/12/11
日期及時間: 11:12:36

申請 / 更改文件表

1.) 文件類型
☐ 新文件 ☒ 修改 ☐ 撤消 ☐ 增發

2.) 類別
☐ 手冊 (一/二級文件)
☐ 程序 (一/二級文件)
☒ 工作指導書等 (三級文件)
☐ 原材料項目編號 (四級文件)
☐ 表格
☐ 外來品質文件
☐ 國際標準/法令、法規文件

3.) 修改或撤消
保留作廢文件嗎? ☒ 不用 ☐ 要
請指定修訂號:

4.) 發行
☒ 受控文件 分發組別數目: 3
☐ 非受控文件 分發組別數目:

改變已作廢文件保留場所嗎?
☐ 不用 由文件控制處保留
☐ 是的 請指定場所

5.) 改變原稿保留場所
☐ 不 由文件控制處保存
☐ 是

6.) 申請原因/更改內容

版本	申請原因/更改內容	制定/修訂人	生效日期
B4	新增, 詳情見履歷表	关秀明	2018-12-13
A0	新文件發行	孙林华	2015-11-6
A3	新增, 詳情見履歷表	关秀明	2016-03-08
A4	新增18650-34S, 1046-46S, 1047-48S	关秀明	2016-04-08
A5	新增GP0657-13HD, GP1148-65S, GP1633-95S	关秀明	2016-06-06

GP Batteries

Model list of GP Lithium-ion rechargeable cells/batteries

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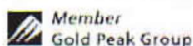


Class IA: The watt-hour of models which are larger than 20Wh

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium mixed oxide	GP4105054T1000	10	3.65	36.5
	GP4105054T1000L	10	3.65	36.5
	GP4105054T1400	13.6	3.65	49.6
	GP30EVL	29	3.7	107.3
	GP28EVL	28	3.7	103.6
	NTA3092	28	3.7	103.6
	GP8792130	9.333	3.7	34.5
	GPAM40	40	3.7	148

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium Iron Phosphate	GPEV45LF00 GPSEO45LF003	42	3.2	134.4
	GPEV30LF00 GPSEO30LF004	30	3.2	96
	GPEV18LF00 GPSEO18LF002	16	3.2	51.2

Class 1B / IIB : The watt-hour of models which are larger than 2.7Wh but less than or equal to 20Wh



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Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium Cobalt Oxide	GP1450L85	0.85	3.7	3.145
	GP1465L115	1.15	3.7	4.255
	GP1767L185	1.85	3.7	6.845
	GP1850L140	1.4	3.7	5.18
	GP1865L220	2.2	3.7	8.14
	GP1750L125	1.25	3.7	4.625
	GP1865L220	2.2	3.7	8.14
	GP18650-30	2.8	3.75	10.5
	GP18650-29HD	2.9	3.8	11.02
	GP18650-30U	3	3.8	11.4
	GP18650-34S	3.4	3.8	12.92
	GP18650-32S	3.2	3.8	12.16
	GP503449L98R	0.98	3.7	3.626
	GP603450L114R	1.14	3.7	4.218
	GP603465L144	1.44	3.7	5.328
	GP623040L74	0.74	3.7	2.738
	GP743442L118R	1.18	3.7	4.366
	GP813433L75	0.75	3.7	2.775
	GP813448L137	1.37	3.7	5.069
	GP843042L105	1.05	3.7	3.885
	GP863734L120R	1.2	3.7	4.44
	GP623048L104	1.04	3.7	3.848
	GP103450L180R	1.85	3.7	6.845

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium Cobalt	GP103450-210S	2.1	3.7	7.77



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Oxide	GP103450-230ST	2.05	3.7	7.585
	DLP983450	1.85	3.7	6.845
	DLP604050	1.14	3.7	4.218
	GP413450L78	0.78	3.7	2.886
	GP503048L78	0.78	3.7	2.886
	GP1633-95S	0.95	3.8	3.61
	GP1633-81S	0.81	3.7	3.00

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium mixed oxide	GP18650CH	2.2	3.6	7.92
	GP1865T220	2.2	3.6	7.92
	ICR18650-26F	2.6	3.7	9.62
	GP1450L85	0.85	3.7	3.145
	DLP2999115	3.1	3.7	11.47
	DLP3968100	3	3.7	11.1
	DLP5054105	3.05	3.7	11.285
	DLP535068	2	3.7	7.4
	GP18650-26	2.6	3.6	9.36
	ICR18650-22	2.2	3.6	7.92
	GP18650-30N	3	3.6	10.8
	GP1450T90	0.83	3.6	3.0
	GP ICR18650-26F	2.6	3.7	9.62

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium Iron Phosphate	GP183665-30	2.85	3.2	9.12
	GP1465F-12QC	1.2	3.8	4.56
	GP18650-15HT	1.5	3.2	4.8
	GP1037F-15QC	1.5	3.2	4.8



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Class IIA: The watt-hour of models which are less than or equal to 2.7Wh

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium Cobalt oxide	GP0812-04S	0.045	3.8	0.17
	GP0820L07	0.075	3.7	0.278
	GP0825L11	0.11	3.7	0.407
	GP0828L12	0.125	3.7	0.463
	GP0836L15	0.155	3.7	0.574
	GP0836L17	0.17	3.7	0.629
	GP0840L18	0.18	3.7	0.666
	GP1015L08	0.085	3.7	0.315
	GP1015-10S	0.1	3.8	0.38
	GP0620-05S	0.055	3.8	0.209
	GP0620-05SN	0.055	3.8	0.209
	GP1012-08S	0.08	3.8	0.3
	GP1018L10	0.105	3.7	0.389
	GP1022L15	0.155	3.7	0.574
	GP1029L20	0.205	3.7	0.759
	GP1043L36	0.36	3.7	1.332
	GP1051L35	0.355	3.7	1.314
	GP1048-49S	0.49	3.8	1.862
	GP1229L30	0.325	3.7	1.203
	GP1443L68	0.68	3.7	2.516
	GP1011-08S	0.08	3.8	0.304
	GP0635-11HD	0.1	3.8	0.38
	GP1020-17HD	0.17	3.8	0.646
	GP0737-12HD	0.125	3.8	0.475
	GP1010-06S	0.06	3.8	0.228
	GP1018-14HD	0.144	3.8	0.547
	GP1206-05S	0.05	3.80	0.19
	GP1044-46S	0.46	3.80	1.75
	GP1044-46SC	0.46	3.80	1.75
	GP1046-46SC	0.46	3.80	1.75
	GP1047-48S	0.48	3.80	1.82
	GP0657-13HD	0.13	3.8	0.494
	GP1148-65S	0.65	3.8	2.47
	GP1148-56S	0.56	3.7	2.07
	GP1211-10HD	0.098	3.8	0.37

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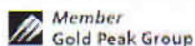


GP1210-09HD	0.08	3.8	0.304
GP0836-20S	0.19	3.8	0.72
GP0622-06HD	0.064	3.8	0.24
GP0812-05HD	0.048	3.8	0.18
GP0520-03HD	0.025	3.8	0.095

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium mixed oxide	GP1258-05N	0.053	3.6	0.19
	GP1458-08N	0.075	3.6	0.27
	GP1207-08N	0.075	3.6	0.27
	GP1010-05N	0.05	3.6	0.18
	GP1007-05N	0.042	3.6	0.15

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium Cobalt oxide	DLP392339	0.275	3.7	1.0175
	DLP333450	0.52	3.7	1.924
	DLP391230	0.105	3.7	0.3885
	DLP413239	0.465	3.7	1.7205
	DLP491538	0.23	3.7	0.851
	DLP521630	0.24	3.7	0.888
	DLP611235	0.2	3.7	0.74
	DLP381225	0.08	3.7	0.296
	DLP412023	0.13	3.7	0.481
	DLP521630	0.24	3.7	0.888
	DLP513040	0.56	3.7	2.072
	GP413048L68	0.68	3.7	2.516
	GP413443L63	0.63	3.7	2.331
	GP503020L21	0.21	3.7	0.777
	GP503040L54	0.54	3.7	1.998
	GP503436L60R	0.6	3.7	2.22
	GP563136L72R	0.72	3.7	2.664
	GP421117-07S	0.07	3.8	0.266

Chemistry	Model	Rated capacity (Ah)	Rated voltage (V)	Watt hour (Wh)
Lithium mixed oxide	GP14500-75	0.75	3.6	2.7
	GP14500-75P	0.75	3.6	2.7



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R	Reason for Revision	Page	Date
A0	New File Issued	1-7	2015-10-26
A1	GP103450-210S added	4	2015-11-18
A2	GP1018-14HD GP421117-07S added	5-6	2016-01-29
A3	GP1206-05S GP1044-46S added	5	2016-02-26
A4	GP18650-34S, GP1046-46S, GP1047-48S added	3 & 5	2016-03-08
A5	GP0657-13HD, GP1148-65S, GP1633-95S added	5	2016-06-03
A6	GP1148-56S, GP1633-80S added	5	2016-08-01
A7	GP18650-30N, GP1044-46SC added Amend GP1633-83S to GP1633-81S	4 & 5 6	2016-10-31
A8	GP1211-10HD, GP1210-09HD added	6	2017-01-16
A9	GP0836-20S, GP0622-06HD, GP1458-08N, GP0812-05HD added	6	2017-10-12
B0	GP1258-05N, GP1207-08N added	6	2017-12-01
B1	P.S. content remarks	6	09 Jan 2018
B2	Add P.S. remarks, GP1010-05N added	6	02 Mar 2018
B3	Add new model GP1450T90, GP1465F-12QC, GP18650-15HT, GP1037F-15QC	3	20 Apr 2018
B4	Add new model GP ICR18650-26F, GP0520-03HD, GP1007-05N	4 , 6	28 Nov 2018