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DESCRIPTION

PRODUCT COVERED:

USR Component - Secondary, Lithium-ion Polymer cells as noted below.

Model Number	Chemistry	Shape/Type
All models	$\text{LiCoO}_2 + 6\text{C} \rightleftharpoons \text{Li}_x\text{C}_6 + \text{Li}_{1-x}\text{CoO}_2$	Prismatic/ Polymer

ELECTRICAL RATING:

See also Conditions of Acceptability for charge limit specifications.

Model Number	Voltage (Nominal), Vdc	Capacity, (Nominal), Ah
GPC524280P	3.7	2.0
GPC733653P	3.7	1.5
GPC454582P	3.7	2.0
GPC455075P	3.7	2.0
GPC455680P	3.7	2.4
GPC554582P	3.7	2.5
GPC555077P	3.7	2.55
GPC425696P	3.7	2.7
GPC455581P	3.8	2.8
GPC104453P	3.8	3.3
GPC884975P	3.7	4.0
GPC706176P	3.7	4.0
GPC586095P	3.7	4.0
GPC4460125P	3.7	4.0
GPC616093P	3.8	5.0
GPC106373P	3.7	6.0
GPC28100150P	3.7	4.2
GPC327090P	3.7	2.6
GPC326590P	3.7	1.5
GPC357095P	3.7	3.0
GPC3570140P	3.7	4.2
GPC3595110P	3.7	4.2
GPC3270147P	3.7	4.0
GPC3570100P	3.7	2.8
GPC734085P	3.7	2.9
GPC377292P	3.7	2.8

Model Number	Voltage (Nominal), Vdc	Capacity, (Nominal), Ah
GPC357292P	3.7	2.5
GPC2957137P	3.7	2.6
GPC3070100P	3.7	2.5
GPC505573P	3.7	2.5
GPC806090P	3.7	5.0
GPC842754P	3.7	1.5
GPC5266104P	3.7	5.0
GPC806790P	3.7	6.0
GPC805080P	3.7	4.0
GPC507097P	3.7	4.2
GPC3275105P	3.7	3.4
GPC3498100P	3.7	4.0
GPC3070160P	3.7	4.0
GPC3098120P	3.7	4.0
GPC328290P	3.7	3.0
GPC3766125P	3.7	4.0
GPC606090P	3.7	4.0
GPC805568P	3.7	4.0
GPC736090P	3.7	5.0
GPC3077120P	3.7	3.5

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USR indicates compliance with the requirements outlined in UL 1642, Standard for Lithium Batteries, Fifth Edition, Dated March 13, 2012, including revisions through July 30, 2013.

Use - For use only in products where the acceptability of the combination is determined by UL LLC.

Conditions of Acceptability - The use of these cells may be considered generally acceptable under the conditions given below:

1. The cells should be used within their manufacturer's specified temperature ranges as noted in Table below:

Models	Manufacturer Specified Temperature ranges	
All models except for below models	Charging Temperature Range	0~45 degree C
	Discharging Temperature Range	0~60 degree C
	Upper Limit Charging Voltage	4.2Vdc
	Upper charging Temp limit(T3)	45 degree C
	Lower charging Temp limit(T2)	10 degree C

Models	Manufacturer Specified Temperature ranges	
GPC842754P, GPC5266104P	Charging Temperature Range	10~45°C
GPC806790P, GPC805080P	Discharging Temperature Range	-20~60°C
GPC507097P, GPC3275105P	Upper Limit Charging Voltage	4.2Vdc
GPC3498100P, GPC3070160P	Upper charging Temp limit(T3)	45°C
GPC3098120P, GPC328290P	Lower charging Temp limit(T2)	10°C
GPC3766125P, GPC606090P		
GPC805568P, GPC736090P		
GPC3077120P		

The end product shall be designed to prevent the high temperature excursions on cell surface from exceeding 100°C (212°F).

2. These cells are to be used only in devices where servicing of the cell circuit and installation and replacement of the lithium-ion cells will be done by a trained technician. These cells are intended to be installed in a protective enclosure in the end use application that prevents access to the cells and associated cell circuitry by the user during charging and discharging of the cells.
3. These cells shall be installed within an enclosure that provides mechanical protection in the end use application, so that they protected from physical abuse that could result in damage to the cells including internal short circuits or shorting of terminals. Enclosures provided in the end use application shall prevent access to the cells through the use of simple tools or through openings.
4. The suitability of these cells for multi cell applications including series or parallel connections shall be determined in the end use. Cells used in multi-cell applications shall be of the same type, ratings and age to prevent the potential for explosions and fire due to cell imbalance.
5. For cells intended for series applications, protection shall be provided in the end use application to prevent cell reversal due to a forced discharge condition. A forced discharge test shall be conducted in the end use application for series connected cell applications.
6. These cells have been subjected to an abnormal charge test which subjects the cells to a constant current (CC) charge method followed by a constant voltage (CV) charge method. The test limit parameters for the abnormal charge test are outlined in the table below. The charging circuit in the end use application shall limit the charging current and charging voltage to the levels noted in the table under both normal and single fault condition. If the charging current and voltage in the end use application cannot be maintained at or below the levels noted in the table or if the charging method is different from the CC/CV method noted above, additional evaluation and testing may be necessary.

Model	Maximum Charging Current (Ic), A	Maximum Charging Voltage (Vc), V dc
GPC524280P	2.0	4.23
GPC733653P	0.75	4.20
GPC454582P	1.0	4.20
GPC455075P	1.0	4.20
GPC455680P	1.2	4.20
GPC554582P	1.25	4.20
GPC555077P	1.275	4.20
GPC425696P	1.35	4.20
GPC455581P	1.4	4.35
GPC104453P	1.65	4.35

Table Cont'd

Model	Maximum Charging Current (Ic), A	Maximum Charging Voltage (Vc), V dc
GPC884975P	2.0	4.20
GPC706176P	2.0	4.20
GPC586095P	2.0	4.20
GPC4460125P	2.0	4.20
GPC616093P	2.5	4.35
GPC106373P	3.0	4.20
GPC28100150P	2.1	4.20
GPC327090P	1.3	4.20
GPC326590P	0.75	4.20
GPC357095P	1.5	4.20
GPC3570140P	2.1	4.20
GPC3595110P	2.1	4.20
GPC3270147P	2.0	4.20
GPC3570100P	1.4	4.20
GPC734085P	1.45	4.20
GPC377292P	1.4	4.20
GPC357292P	1.25	4.20
GPC2957137P	1.3	4.20
GPC3070100P	1.25	4.20
GPC505573P	1.25	4.20
GPC806090P	2.5	4.20

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Table Cont'd

Model	Maximum Charging Current (Ic), A	Maximum Charging Voltage (Vc), V dc
GPC842754P	0.75	4.20
GPC5266104P	2.5	4.20
GPC806790P	3	4.20
GPC805080P	2	4.20
GPC507097P	2.1	4.20
GPC3275105P	1.7	4.20
GPC3498100P	2	4.20
GPC3070160P	2	4.20
GPC3098120P	2	4.20
GPC328290P	1.5	4.20
GPC3766125P	2	4.20
GPC606090P	2	4.20
GPC805568P	2	4.20
GPC736090P	2.5	4.20
GPC3077120P	1.75	4.20

7. Fire resulted when Model GPC106373P was subjected to the impact test. These cells shall be provided with a mechanical enclosure that prevents either crush or impact of the cells in the end use application and special precautions should be taken when handling these cells during installation and disposal to prevent crush and impact to the cells.

MARKINGS/INSTRUCTIONS:

The Recognized manufacturer's name, File number (MH49375), trade name or trademark or other descriptive markings or traceable ID code; Catalog number or model designation or equivalent; and date of manufacturer on the cell.

The cell or smallest package containing the cell shall be marked with the UL Recognition Mark.

The date consists of the following type: YYYYMMDD

YYYY: Year of manufacture, start with 2012;

MM: Month of manufacture, from 01 to 12;

DD: Day of manufacture, from 01 to 31.

For example, 20121128 represents the cell was manufactured on Nov.28, 2012.

Lithium-Ion Polymer Cells - Fig.1
General - See Ill.1 for additional details of construction.

1. Cell Case - Consists of material, overall dimensions, and sealing methods, as noted below.

Model	Case Material	Case Dimensions, mm			Case Matl. Thickness, mm	Method of Sealing	Case Sealing Material
-	-	Length	Width	Thick-ness	-	-	-
GPC524280P	Aluminium Laminate Film	80.5	42	5.2	0.113	Heat Sealing	CPP
GPC733653P		53.00	36.00	7.30	0.113		
GPC454582P		82.00	45.00	4.50	0.113		
GPC455075P		75.00	50.00	4.50	0.113		
GPC455680P		80.00	56.00	4.50	0.113		
GPC554582P		82.00	45.00	5.50	0.113		
GPC555077P		77.00	50.00	5.50	0.113		
GPC425696P		96.00	56.00	4.20	0.113		
GPC455581P		81.00	55.00	4.50	0.113		
GPC104453P		53.00	44.00	10.00	0.113		
GPC884975P		75.00	49.00	8.80	0.113		
GPC706176P		76.00	61.00	7.00	0.113		
GPC586095P		95.00	60.60	5.80	0.113		
GPC4460125P		125.00	60.60	4.40	0.113		
GPC616093P		93.00	60.00	6.10	0.113		
GPC106373P		73.00	63.00	10.20	0.113		
GPC28100150P	Aluminium Laminate Film	150.00	100.0	2.80	0.113	Heat Sealing	CPP
GPC327090P		90.00	70.00	3.20	0.113		
GPC326590P		90.00	65.00	3.20	0.113		
GPC357095P		95.00	70.00	3.50	0.113		
GPC3570140P		140.00	70.00	3.50	0.113		
GPC3595110P		110.00	95.00	3.50	0.113		
GPC3270147P		147.00	70.00	3.20	0.113		
GPC3570100P		100.00	70.00	3.50	0.113		
GPC734085P		85.50	40.00	7.30	0.113		
GPC377292P		92.00	72.00	3.70	0.113		
GPC357292P		92.00	72.00	3.50	0.113		
GPC2957137P		137.00	57.00	2.90	0.113		
GPC3070100P		100.00	70.00	3.00	0.113		
GPC505573P		73.50	55.00	5.00	0.113		
GPC806090P		90.00	60.00	8.00	0.113		

Table Cont'd

Model	Case Material	Case Dimensions, mm			Case Matl. Thickness, mm	Method of Sealing	Case Sealing Material
-	-	Length	Width	Thickness	-	-	-
GPC842754P	Aluminium Laminate	54.00	27.00	8.40	0.113	Heat Sealing	CPP
GPC5266104P		104.00	66.00	5.20	0.113		
GPC806790P		90.00	67.00	8.00	0.113		
GPC805080P		80.00	50.00	8.00	0.113		
GPC507097P		97.00	70.00	5.00	0.113		
GPC3275105P		105.00	75.00	3.20	0.113		
GPC3498100P		100.00	98.00	3.40	0.113		
GPC3070160P		160.00	70.00	3.00	0.113		
GPC3098120P		120.00	98.00	3.00	0.113		
GPC328290P		90.00	82.00	3.20	0.113		
GPC3766125P		125.00	66.00	3.70	0.113		
GPC606090P		90.00	60.00	6.00	0.113		
GPC805568P		68.00	55.00	8.00	0.113		
GPC736090P		90.00	60.00	7.30	0.113		
GPC3077120P		120.00	77.00	3.00	0.113		

- *2. Electrode Assemblies - Consists of positive and negative electrodes shaped in a "jelly roll" assembly within the case and constructed as noted below.

Model No.	Positive Electrode		Negative Electrode		Negative Electrode/ Positive Electrode Capacity ratio (AhNE/AhPE)
	Drawing No.	Dimensions, mm	Drawing No.	Dimensions, mm	
-					
GPC524280P	ILL.1	70*643	ILL.1	72*631	1.2
GPC733653P	ILL.1	723*44*0.122	ILL.1	693*46*0.125	1.05
GPC454582P	ILL.1	613*74*0.125	ILL.1	531*75*0.125	1.05
GPC455075P	ILL.1	648*66*0.125	ILL.1	561*68*0.130	1.05
GPC455680P	ILL.1	716*70*0.127	ILL.1	621*72*0.130	1.05
GPC554582P	ILL.1	742*74*0.123	ILL.1	653*75*0.123	1.05
GPC555077P	ILL.1	779*67*0.127	ILL.1	686*69*0.133	1.05
GPC425696P	ILL.1	668*86*0.126	ILL.1	576*88*0.130	1.05
GPC455581P	ILL.1	787*74*0.114	ILL.1	771*75*0.131	1.05
GPC104453P	ILL.1	1286*44*0.124	ILL.1	1196*46*0.136	1.05
GPC884975P	ILL.1	1251*65*0.125	ILL.1	1166*67*0.125	1.05
GPC706176P	ILL.1	1241*65*0.127	ILL.1	1136*67*0.127	1.05
GPC586095P	ILL.1	1000*85*0.127	ILL.1	893*87*0.122	1.05
GPC4460125P	ILL.1	782*115*0.125	ILL.1	673*117*0.121	1.05
GPC616093P	ILL.1	1171*84*0.112	ILL.1	1061*86*0.123	1.05
GPC106373P	ILL.1	1849*63*0.125	ILL.1	1741*65*0.125	1.05
GPC28100150 P	ILL.1	804*141*0.116	ILL.1	816*143*0.111	1.05
GPC327090P		719*80*0.122		598*82*0.123	1.05
GPC326590P		593*81*0.112		484*83*0.109	1.05
GPC357095P		774*85*0.121		771*87*0.119	1.05
GPC3570140P		774*130*0.116		773*132*0.114	1.05
GPC3595110P		1038*100*0.118		1039*102*0.111	1.05
GPC3270147P		699*138*0.116		707*140*0.117	1.05
GPC3570100P		774*90*0.115		768*92*0.114	1.05
GPC734085P		884*75*0.120		777*77*0.119	1.05
GPC377292P		794*83*0.126		795*85*0.118	1.05
GPC357292P		794*83*0.116		795*85*0.109	1.05
GPC2957137P		518*128*0.117		525*130*0.116	1.05
GPC3070100P		701*91*0.109		703*93*0.109	1.05
GPC505573P		842*64*0.120		749*66*0.123	1.05
GPC806090P		1377*79*0.120		1273*81*0.118	1.05

Table Cont'd

Model No.	Positive Electrode		Negative Electrode		Negative Electrode/ Positive Electrode Capacity ratio
-	Drawing No.	Dimensions, mm	Drawing No.	Dimensions, mm	(AhNE/AhPE)
GPC842754P	ILL.1	46*633*0.117	ILL.1	47*633*0.125	1.05
GPC5266104P		95.5*1040*0.118		97.5*932*0.126	1.05
GPC806790P		80*1440*0.130		82*1333*0.120	1.05
GPC805080P		70*1131*0.123		72*1050*0.128	1.05
GPC507097P		85*1040*0.119		87*1039*0.123	1.05
GPC3275105P		96*752*0.116		98*754*0.126	1.05
GPC3498100P		91*1081*0.114		93*1081*0.110	1.05
GPC3070160P		151*640*0.116		153*530*0.123	1.05
GPC3098120P		111*892*0.117		113*894*0.113	1.05
GPC328290P		81*824*0.111		83*826*0.121	1.05
GPC3766125P		116*795*0.116		117.5*685*0.117	1.05
GPC606090P		80*1055*0.126		82*952*0.124	1.05
GPC805568P		58*1249*0.124		60*1160*0.129	1.05
GPC736090P		80*1322*0.118		82*1224*0.115	1.05
GPC3077120P		111*693*0.118		113*701*0.123	1.05

3. Current Collectors - At the positive electrode consists of: Aluminium foil. At the negative electrode consists of: Copper foil
4. Separator -Unlisted Component Separator constructed as noted below. The separator is sized to extend beyond the electrodes as noted below for reliable insulation.

Cell Model	Separator Mfg.	Type Designation	Report Reference (Unlisted Component)		Dimensions, mm		Minimum Extension Beyond Electrodes, mm
-	-	-	File Number	Issue Date	Width	Length	-
GPC524280P	BEST NEW ENERGY TECHNOLOGY CO LTD	LS-4020-M, 20um	MH49375	2012-12-04	75	1348	2
GPC733653P		LS-4020-M, 20um			48	1474	1
GPC454582P		LS-4016-M, 16um			77	1176	1
GPC455075P		LS-4020-M, 20um			70	1246	1
GPC455680P		LS-4016-M, 16um			75	1377	1.5
GPC554582P		LS-4016-M, 16um			77	1418	1
GPC555077P		LS-4016-M, 16um			72	1494	1.5
GPC425696P		LS-4020-M, 20um			90	1288	2
GPC455581P		LS-4016-M, 16um			77	1567	1
GPC104453P		LS-4020-M, 20um			48.5	2493	1.25
GPC884975P		LS-4020-M, 20um			70	2445	1.5
GPC706176P		LS-4020-M, 20um			70	2413	1.5
GPC586095P		LS-4020-M, 20um			90	1927	1.5
GPC4460125P		LS-4020-M, 20um			120	1489	1.5
GPC616093P		LS-4020-M, 20um			88	2262	1
GPC106373P		LS-4020-M, 20um			68	3621	1.5
GPC28100150P	SHEN ZHEN TOWIN NEW MATERIALS INDUSTRIAL CO LTD	LS-4025-M	MH49375	2012-12-04	145.5	1758	1.25
GPC327090P		LS-4016-M			85	1361	1.5
GPC326590P		LS-4025-M			85	1122	1
GPC357095P		LS-4016-M			89.5	1607	1.25
GPC3570140P		LS-4020-M			135	1631	1.5
GPC3595110P		LS-4020-M			105	2192	1.5
GPC3270147P		LS-4020-M			142.5	1470	1.25
GPC3570100P		LS-4020-M			95	1611	1.5
GPC734085P		LS-4020-M			79.5	1651	1.25
GPC377292P		LS-4020-M			87.5	1669	1.25
GPC357292P		LS-4020-M			87.5	1669	1.25
GPC2957137P		LS-4020-M			132.5	1100	1.25
GPC3070100P		LS-4016-M			95.5	1492	1.25
GPC505573P		LS-4016-M			68.5	1628	1.25
GPC806090P		LS-4025-M			84	2682	1.5

Table Cont'd

Cell Model	Separat or Mfg.	Type Designation	Report Reference (UnListed Component)		Dimensions, mm		Minimum Extension Beyond Electrodes, mm
			File Number	Issue Date	Width	Length	
-	-	-	-	-	-	-	-
GPC842754P	SHEN ZHEN TOWIN NEW MATERLI ALS INDUSTRIAL CO LTD	LS-4016-M	MH49375	2013-12-20	49	1297	1
GPC5266104P		LS-4020-M	MH49375	2013-12-13	99.5	2017	1
GPC806790P		LS-4020-M	MH49375	2013-12-15	84.5	2812	1.25
GPC805080P		LS-4020-M	MH49375	2013-12-21	75	2216	1.5
GPC507097P		LS-4020-M	MH49375	2013-12-19	89.5	2150	1.25
GPC3275105P		LS-4016-M	MH49375	2013-12-17	100.5	1591	1.25
GPC3498100P		LS-4020-M	MH49375	2013-12-21	95.5	2292	1.25
GPC3070160P		LS-4020-M	MH49375	2013-12-20	155.5	1225	1.25
GPC3098120P		LS-4020-M	MH49375	2013-12-25	115.5	1919	1.25
GPC328290P		LS-4016-M	MH49375	2013-12-23	85.5	1750	1.25
GPC3766125P		LS-4020-M	MH49375	2013-12-22	120	1526	1.25
GPC606090P		LS-4020-M	MH49375	2013-12-24	84.5	2045	1.25
GPC805568P		LS-4020-M	MH49375	2013-12-17	62.5	2446	1.25
GPC736090P		LS-4020-M	MH49375	2013-12-18	84.5	2585	1.25
GPC3077120P		LS-4016-M	MH49375	2013-12-16	115.5	1490	1.25

5. Electrolyte - Constructed as noted below.

Cell Model	Generic Composition	Drawing No.
All models	EC, EMC, DMC, LiPF ₆	TR1, ILL.1

6. Electrode Tabs - Are constructed as noted below.

Model	Tab Ill Nos.
GPC524280P	ILL.1
GPC733653P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC454582P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC455075P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC455680P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC554582P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC555077P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC425696P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC455581P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC104453P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC884975P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC706176P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC586095P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC4460125P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC616093P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC106373P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC28100150P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC327090P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC326590P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC357095P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3570140P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3595110P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3270147P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3570100P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC734085P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC377292P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC357292P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC2957137P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3070100P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC505573P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC806090P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm

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Table Cont'd

Model	Tab Ill Nos.
	ILL.1
GPC842754P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC5266104P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC806790P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC805080P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC507097P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3275105P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3498100P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3070160P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3098120P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC328290P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3766125P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC606090P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC805568P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC736090P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm
GPC3077120P	Positive Tab (Al), Negative Tab (Ni): W4.0mm*L45.0mm

7. Venting Mechanism - Pressure build up within the cells is prevented by a venting mechanism constructed through the seam of cell.