

# GP Batteries

Product Portfolio



Battery Packs  
for  
**Cordless Phone**

# GP Cordless Phone Battery Packs

# Configurations

## Designation System For Battery Packs

Button Type Example : GP320BVH3T1H (T114M)

GP320BVH	Cell model number	1	Tag type code
3	Number of cells in a pack	H	Tag direction code
T	Standard configuration code		

For battery packs with connectors, the **last two characters** will be used to specify connector type.  
eg. GP320BVH3TMU / GP60AAS3BMU

Cylindrical Type Example : GP60AAS3B1P (T109)

GP60AAS	Cell model number	1	Tag type code
3	Number of cells in a pack	P	Tag direction code
B	Standard configuration code		

## Standard Configuration Codes

Button Type :



**CODE : A**  
Cells stacked in a vertical column



**CODE : E**  
One cell centered on top of 2 cells or 2 columns of cells



**CODE : S**  
Cells stacked in multiple columns and layers



**CODE : U**  
Cells stacked in ladder shape



**CODE : Y**  
Cells arranged in a horizontal rectangle



**CODE : B**  
Cells arranged in a row



**CODE : G**  
Cells stacked in 2 vertical columns of unequal number of cells

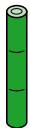


**CODE : T**  
Cells arranged in a horizontal triangle



**CODE : W**  
Cells arranged in horizontal zig-zag rows (in one or more layers)

Cylindrical Type :



**CODE : A**  
Cells stacked in a vertical column



**CODE : B**  
Cells arranged in a row



**CODE : G**  
Cells stacked in 2 vertical columns of unequal number of cells



**CODE : S**  
Cells stacked in multiple columns and layers



**CODE : T**  
Cells arranged in a horizontal triangle



**CODE : W**  
Cells arranged in horizontal zig-zag rows (in one or more layers)



**CODE : Y**  
Cells arranged in a horizontal rectangle

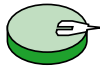




## Tag Type Codes



**CODE : 1**  
Strip solder tag



**CODE : 2**  
PCB solder tag



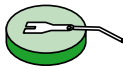
**CODE : 3**  
Double PCB pin at positive terminal and single PCB pin at negative terminal



**CODE : 4**  
Solder wire tag



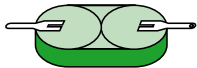
**CODE : 5**  
Short strip tag



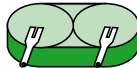
**CODE : 6**  
Lead wire



## Tag Direction Codes



**CODE : P**  
Pointing at 180°



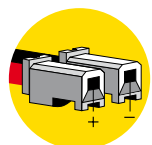
**CODE : H**  
Pointing at the same direction

## Connector Type Specifications

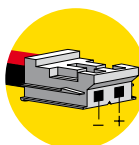
- GP Universal Plug** - exclusively from GP, offers distinctive features unparalleled in the market.  
- U.S. patent no. 5,161,990.

Major Benefits :

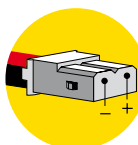
- Compatible with most cordless phone models (interchangeable with Mitsumi, JST, Molex plugs etc.)
- Minimise inventory items
- User friendly



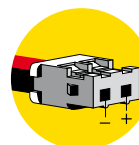
**MU**  
Universal Plug



**MJ**  
JST EHR-2



**ML**  
Molex 5264-02



**MS**  
Mitsumi M63M83-02



# GP NiMH Series



**T113M** Voltage: **3.6V**  
Capacity: **320mAh**  
Configuration: **320BVH3AMU**

For: Sony SPP-50/80/110; Toshiba FT6000/6200;  
Cobra CP468S; GE 29522/5-2109/52201B/9519



**T115M** Voltage: **3.6V**  
Capacity: **320mAh**  
Configuration: **320BVH3TMU**

For: Panasonic KX-T3807/T3822R/T3823R/T4200R;  
Excursion 500; Uniden AE155/156/XE200/300/  
400/500/700; Citizen TF50N/51N/52N;  
Cosmo TR3039/3040



**T154** Voltage: **2.4V**  
Capacity: **300mAh**  
Configuration: **30AAH2BMU**

NiCd model: **T104**  
For: A&A ET496; CGE2-9505/GE2-9505/  
GE9505A/GE9506A; ES2-9506A



**T157** Voltage: **3.6V**  
Capacity: **300mAh**  
Configuration: **30AAH3BMU**

NiCd model: **T107**  
For: Panasonic 36/37/38; AT&T HT3400/4310/4410/5300;  
Emerson TEC 3000; Sony SPP-55/65/90;  
Sanyo CAS120/CAS130/CLT440/CLT520/CLT6100/  
CLT6300



**T159** Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAM3B1P**

NiCd model: **T109**  
For: Panasonic KX-T3815/T3821/T3825/T3831/T3842/  
T3845; VA-7020; Sony SPP-100/200/300



**T160** Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAM3BMU**

NiCd model: **T110**  
For: Panasonic KX-T3806/T3856/T3860/T3865/A36/KZA 36;  
Doro Walk & Talk 970/980; Philips TD 9203/9204/9213/  
9240/9241/9272/9603/9673/9804/9841; Samsung 915;  
Sanyo CLT880/980/982/985/990; Hi Tel 940/950/960



**T161** Voltage: **4.8V**  
Capacity: **600mAh**  
Configuration: **60AAM4BMU**

NiCd model: **T111**  
For: Audiovox AT22R; Phone Mate 1120/1121/1140;  
Cobra CP200S/200



**T162** Voltage: **6.0V**  
Capacity: **600mAh**  
Configuration: **60AAM5BMU**

NiCd model: **T112**  
For: AT&T 9100/9120; V-Tech 900DL; Superphone CT3000



**T188** Voltage: **3.6V**  
Capacity: **1300mAh**  
Configuration: **130AAM x 3**

NiCd model: **T138**  
For: Siemens Megaset 940/950/960;  
Telecom Italia Megaset 940



# T191

Voltage: 3.6V  
Capacity: 600mAh/650mAh  
Configuration: 60AAAH x 3 /  
65AAAH x 3

NiCd model: T141

For: Ericsson DECT DT360



# T192

Voltage: 3.6V  
Capacity: 650mAh  
Configuration: 65AAAH x 3

NiCd model: T142

For: Sony SPP75/77/95/97/115/170/190/320/1010/2010/  
2100/8500/8700/560F/860F/FX880/L100/L338/S20/  
X30/X90/A5000/3000/4050/BP-T40; Uniden Ciao



# T193

Voltage: 3.6V  
Capacity: 600mAh  
Configuration: 60AAAH x 3

NiCd model: T143

For: Panasonic KX-T910/TC900B/TC900W/TC910B/  
TC919B/TC940B/TC940W/TC970W/TT970W



# T194

Voltage: 1.2V x 2  
Capacity: 600mAh  
Configuration: 60AAHC x 2

NiCd model: T144

For: Panasonic KX-TCD920; Telecom DECT Top;  
Philips Onis/KALATD6120/6523;  
Siemens Gigaset 2011; Swatch DECT;  
Philips KALATD6120/6523



# T198

Voltage: 3.6V  
Capacity: 550mAh  
Configuration: 55AAAH x 3

For: Dancall DECT 8200/8400/8500/8600/PINO



# T199

Voltage: 1.2V x 3  
Capacity: 550mAh  
Configuration: 55AAAH x 3

For: Grundig CP870/CP870AM; Hi-Tel 1810



# T200

Voltage: 1.2V x 2  
Capacity: 1300mAh  
Configuration: 130AAHC x 2

NiCd model: T200

For: Panasonic KX-TCD920; Telecom DECT Top;  
Philips Onis/KALATD6120/6523;  
Siemens Gigaset 2011; Swatch DECT;  
Philips KALATD6120/6523



# T290

Voltage: 2.4V  
Capacity: 1500mAh  
Configuration: 150AAM x 2

For: V-Tech VT2420/VT2431/VT2461



# T357

Voltage: 3.6V  
Capacity: 700mAh  
Configuration: 70AAAH x 3

For: Panasonic KX-TGA 271/272

# GP NiMH Series

## Other available models in NiMH Series

Model	Voltage	Capacity	Configuration	NiCd Model	For
T207	3.6V	550mAh	55AAAH3BMU	-	Doro Walk & Talk 1100
T236	3.6V	1300mAh	130AAM3BMU	T110/T160	Doro Walk & Talk 970/980
T265L	3.6V	600mAh	60AAS x 3	-	Toshiba FT-8908
T273	3.6V	250mAh	250BVH3BMX	-	Brondi Sport/silver; Daewoo DWP-5000
T279	3.6V	600mAh	60AAH3BMU	T107/T157	Panasonic 36/37/38; AT&T HT-3400/4310/4410/5300; Emerson Tec 3000; Sony SPP-55/65/90; Sanyo CLT 6100/6300
T284	3.6V	400mAh	40AAAH3BMX	-	Master Liberty
T304	2.4V	500mAh	5M602BMLV1Z	-	Samsung SP-R6100
T305	1.2V x 2	500mAh	5M60x 2	-	Samsung SP-R5210
T314	3.6V	300mAh	30AAAM3BMU	-	Solomon/reach/luckyphone/fujitel FT-6708, FT-3920, WT-9300
T326	3.6V	300mAh	30AAAM3BMU	-	Hi-tel 933 ; (China : HW007(2/3/4), HW8688(6) )
T329	2.4V	1500mAh	150AAM2BMU	-	Panasonic KX 1223/1227
T344	3.6V	1350mAh	135AAH3BMU	-	Panasonic KX-T2400
T355	2.4V	550mAh	5M602BMXZ	-	Samsung SPR6100 / 6150
T356	2.4V	600mAh	60AAAH2BMX	-	Philips KALA
T360	4.8V	600mAh	60AAM4WMX	-	KPN Orlando 100/100N
T364	3.6V	600mAh	60AAM3BMX	-	KPN Montana / Nevada
T370	2.4V	1600mAh	1600AAM2BXZ	-	KX-TG2208B, KX-TG2208W, KW-TG2214W, KX-TG2216FV, KX-TG2216RV, KX-TG2224W, KX-TG2226BV, KX-TG2226WV, KT-TG2226SV, KX-TG2235S, KX-TG2238S, KT-TG2248S, KX-TG2258S, KX-TG2208, KX-TG2214, KX-TG2216, KX-TG2224, KX-TG2226, KX-TG2235S, KX-TG2238, KX-TG2248, KX-TG2258
T373	3.6V	700mAh	70AAAH3BMXZ	-	BEOCOM6000
T375	2V x 1.2	730mAh	2 x 75AAAH3C	-	Alcatel Versatis 155/One touch first 20&45; France Telecom Amarys 2400& 3400; Philips Onis 200 & 300; Siemens Gigaset C100 & C200
T376	2V x 1.2	1650mAh	2 x 170AAAH3C	-	Alcatel Versatis 570/780/880; Philips Kala; Siemens Gigaset; V-Tech Mirage A110/C220/C225
T379	2.4V	700mAh	70AAAH2BMJ	-	Alcatel Versatis
T380	3.6V	910mAh	91AAALH3BXZ	-	Panasonic KX-TG5428, KX-TG5050W/5055W/5200M/ 5210M/5230M
T382	2.4V	550mAh	55AAAH2BMX	-	Siemens V30145-K1310-X359 (A5B00075178739)
T383	1.2V x 2	600mAh	60AAAH3C x 2	-	
T384	1.2V x 2	800mAh	80AAAH3C x 2	-	

Model	Voltage	Capacity	Configuration	NiCd Model	For
T386	3.6V	1800mAh	180AAH3BMU	-	Doro Walk & Talk 970/980 : Panasonic KX-T3806/T3856/T3865/A36/KZA 36
T389	3.6V	1350mAh	135AAH3BMU	-	Panasonic T40/ TG2400
T390	2.4V	910mAh	91AAALH2BXZ	-	Panasonic KX-TG2420W/ KX-TG2420B/ KX-TG2422W/ KX-TG2431W
T392	3.6V	1500mAh	150AAM3BMU	-	Panasonic TC-1450, 1486, 1703, 1710, 1711, 1741
T393	4.8V	1500mAh	150AAM4BMU	-	Senao SN-258
T394	6.0V	1500mAh	150AAM5BMU	-	Senao SN-158
T395	3.6V	1600mAh	160AAH3BMU	-	Doro Walk& Talk 970/980
T436	2.4V	400mAh	41AAAH2BMX	-	Gigaset A16
T444	3.6V	650mAh	65AAAH3BXZ	-	Panasonic : HHR-P107, KX-TG600, KX-TCA60, KX-TCA86, KX-TCA88HA, KX-TCA92, KX-TCA93, KX-TCA94, KX-TCA95

# GP NiCd Series



**T101**

Voltage: 4.8V  
Capacity: 600mAh  
Configuration: 60AAS x 4

NiMH model: T151/T151L  
For: Panasonic KX-T9000/T9050BH/9050H



**T103**

Voltage: 4.8V  
Capacity: 600mAh  
Configuration: 60AAS x 4

NiMH model: T153/T153L  
For: Panasonic KX-T9100/T9150/T9200/T9250/9200



**T104**

Voltage: 2.4V  
Capacity: 300mAh  
Configuration: 30AAK2BMU

NiMH model: T154  
For: A&A ET496; CGE2-9505/GE2-9505/  
GE9505A/GE9506A; ES2-9506A



**T105**

Voltage: 3.6V  
Capacity: 300mAh  
Configuration: 30AAK3TMU

NiMH model: T155  
For: Sony SPP-50/T10/510; Sanyo TH1010; GE 5-2201



**T106**

Voltage: 3.6V  
Capacity: 300mAh  
Configuration: 30AAK3B1P

NiMH model: T156  
For: AT&T HT-3400/4400/4410/5200/5300; Sony SPP22H;  
Sanyo CLT6100/6300; Uniden EX2600/2700/8050



**T107**

Voltage: 3.6V  
Capacity: 300mAh  
Configuration: 30AAK3BMU

NiMH model: T157 / T343  
For: Panasonic 36/37/38; AT&T HT3400/4310/4410/5300;  
Emerson TEC 3000; Sony SPP-55/65/90;  
Sanyo CAS120/CAS130/CLT440/CLT520/  
CLT6100/CLT6300; C&W CWP 200/CWT 300



**T108**

Voltage: 4.8V  
Capacity: 300mAh  
Configuration: 30AAK4BMU

NiMH model: T158  
For: Panasonic KX-T3820; Audiovox AT-21-B;  
Freedom Phone FF-1500/3000/4000/5000; GE1000;  
GPT AT22; Midland 80-200; Cobra CP91



**T109**

Voltage: 3.6V  
Capacity: 600mAh  
Configuration: 60AAS3B1P

NiMH model: T159  
For: Panasonic KX-T3815/T3821/T3825/T3831/T3842/  
T3845; VA-7020; Sony SPP-100/200/300



**T110**

Voltage: 3.6V  
Capacity: 600mAh  
Configuration: 60AAS3BMU

NiMH model: T160  
For: Panasonic KX-T3806/T3856/T3860/T3865/A36/KZA 36;  
Doro Walk & Talk 970/980; Philips TD 9203/9204/9213/  
9240/9241/9272/9603/9673/9804/9841; Samsung 915;  
Sanyo CLT880/980/982/985/990; Hi Tel 940/950/960





**T111**

Voltage: **4.8V**  
Capacity: **600mAh**  
Configuration: **60AAS4BMU**

**NiMH model: T161**

**For:** Audiovox AT22R; Phone Mate 1120/1121/1140;  
Cobra CP200S/200



**T112**

Voltage: **6.0V**  
Capacity: **700mAh**  
Configuration: **70AAS5BMU**

**NiMH model: T162**

**For:** AT&T 9100/9120; V-Tech 900DL; Suprephone CT3000



**T119**

Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAS x 3**

**NiMH model: T169/T169L**

**For:** Panasonic KX-T9300/9500/9509



**T138**

Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAS x 3**

**NiMH model: T188/T188L**

**For:** Siemens Megaset 940/950/960;  
Telecom Italia Megaset 940



**T139**

Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAS x 3**

**NiMH model: T189**

**For:** V-Tech 910ADL



**T143**

Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAS x 3**

**NiMH model: T193**

**For:** Panasonic KX-T910/TC900B/TC900W/TC910B/  
TC919B/TC940B/TC940W/TC970W/TT970W



**T144**

Voltage: **1.2V x 2**  
Capacity: **600mAh**  
Configuration: **60AAKC x 2**

**NiMH model: T194/T200**

**For:** Panasonic KX-TCD920; Telecom DECT Top;  
Philips Onis/KALATD6120/6523;  
Siemens Gigaset 2011; Swatch DECT;  
Philips KALATD6120/6523



**T201**

Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAS x 3**

**For:** V-Tech 910ADL



**T265**

Voltage: **3.6V**  
Capacity: **600mAh**  
Configuration: **60AAS x 3**

**For:** Toshiba FT-8908

# GP NiCd Series



T272

Voltage: 3.6V  
Capacity: 600mAh  
Configuration: 60AAS x 3

For: V-Tech VT1711/1721/1733/1922/1932/1962/  
2932/2962/9108/9111/9112/9115/9151/9241



T339

Voltage: 3.6V  
Capacity: 800mAh  
Configuration: 80AAS x 3

For: Panasonic KX-TG2205/2215/2217/2222/2237/2247/  
2257/2267/2287 & KX-TGA2705



## Other available models in NiCd Series

Model	Voltage	Capacity	Configuration	NiMH Model	For
T242	3.6V	400mAh	40AAK3BMU	-	COBRA; SANYO CLT440; UNICALL; PANASONIC KXA 36A
T248	4.8V	300mAh	30AAK4YMU	-	MODULOPHONE BOLERO
T253	3.6V	300mAh	30AAK3BMJ	-	GREAT GCL9618/9472/9688
T254	3.6V	300mAh	30AAK3BMS	T107	PANASONIC 36/37/38
T268	3.6V	600mAh	60AAS3BX	-	PHILIPS 9571
T277	3.6V	600mAh	60AAS x 3	-	SONY SPP-900/930/935/A972/A973/ID970/ID975/ IM977/M920/M932
T282	3.6V	300mAh	30AAK3BMX	-	SAGEM Mistral
T296	3.6V	300mAh	30AAK3X	-	Matra 30, Amarys 265SF, Tefal Mobility
T297	3.6V	400mAh	40AAK3X	-	Sagem Alize FX/RX
T298	3.6V	400mAh	40AAK3X	-	Sagem Alize B/F/R
T300	3.6V	300mAh	30AAK3BMJ	-	Logicom CT800, Matra Solea 100/150/200/300
T319	4.8V	800mAh	80AAS4BMU	-	SENAO 258, PANASONIC KX2563
T327	2.4V	300mAh	30AAK2BMJ	-	AUDIOLINE 971
T328	2.4V	300mAh	30AAK2BMJZ	T330	PHILIPS Xalio 200
T348	2.4V	600mAh	60AAS2BMU	-	SONY SPP-T55; VICTOR TN-CX30
T416	3.6V	300mAh	30AAK3BMX	-	PHILIPS XALIO SERIES; ALORIS 5100; GIPSY; TELECOM ITALIA GIPSY

# GP Batteries

## WORLDWIDE HEADQUARTERS

### Hong Kong

#### GPI International Limited

Gold Peak Building, 8/F., 30 Kwai Wing Road, Kwai Chung, N.T., Hong Kong

Tel : (852) 2484 3333 Fax : (852) 2480 5912

E-mail address : gpil@goldpeak.com Website : <http://www.gpbatteries.com>

#### SALES AND MARKETING BRANCH OFFICES

##### ASEAN

GP BATTERY MARKETING (SINGAPORE) PTE. LIMITED

97 Pioneer Road, Singapore 639579

Tel: (65) 6559 9760 Fax: (65) 6559 9761

##### MALAYSIA

GP BATTERY MARKETING (MALAYSIA) SDN. BHD.

Lot 8, Jalan Pemberita U1/49,

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40150 Shah Alam, Selangor Darul Ehsan, Malaysia

Tel: (60) 3 5569 3499 Fax: (60) 3 5569 3498

##### THAILAND

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Bangkok 10110 Thailand

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##### TAIWAN

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##### CHINA

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Zhongkai Gaoxin Industrial Zone,

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Tel: (86) 752 263 8698 Fax: (86) 752 263 8666

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##### EUROPE

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