

# Industrial Rechargeable Cells Pricelist

## Pricelist

| MODEL NUMBER  | CELL SIZE | SERIES     | NOMINAL CAPACITY<br>(5hr Rate -mAh) | NOMINAL VOLTAGE<br>(V) | DIMENS. (diameter) | HEIGHT (mm) | PRICE  |         |
|---|-----------|------------|-------------------------------------|------------------------|--------------------|-------------|--------|---------|
|   |           |            |                                     |                        |                    |             | EX GST | INC GST |
|   |           |            |                                     |                        |                    |             | (\$)   |         |
| <b>GP "GREEN CHARGE" Nickel Metal Hydride (NiMH) Series</b> |           |            |                                     |                        |                    |             |        |         |
| <b>AAAA</b>   |           |            |                                     |                        |                    |             |        |         |
| * 10AAAAH   | 1/3AAAA   | Standard   | 100                                 | 1.2                    | 8.6                | 15.3        | 2.51   | 2.76    |
| 18AAAAH   | 1/2AAA    | Standard   | 180                                 | 1.2                    | 8.6                | 20.5        | 2.66   | 2.93    |
| * 20AAAAH   | 2/3AAAA   | Standard   | 200                                 | 1.2                    | 8.6                | 29.5        | 2.41   | 2.65    |
| * 30AAAAH   | AAAA      | Standard   | 300                                 | 1.2                    | 8.4                | 40.6        | 2.58   | 2.84    |
| * 50AAAAALH   | 5/4AAAA   | Standard   | 500                                 | 1.2                    | 8.4                | 52.1        | 2.72   | 2.99    |
| <b>AAA</b>  |           |            |                                     |                        |                    |             |        |         |
| * 11AAAM  | 1/4AAA    | Standard   | 110                                 | 1.2                    | 10.2               | 10.7        | 1.72   | 1.89    |
| 10AAHR  | SHORT AAA | Hobby R    | 100                                 | 1.2                    | 10.4               | 15.6        | 1.48   | 1.63    |
| 12AAHR  | 1/3AAA    | Hobby R    | 120                                 | 1.2                    | 10.5               | 17.7        | 1.58   | 1.74    |
| 16AAAM**  | 1/3AAA    | Standard   | 170                                 | 1.2                    | 10.2               | 14.6        | 1.86   | 2.05    |
| * 35AAAM  | 1/2AAA    | Standard   | 350                                 | 1.2                    | 10.5               | 22.3        | 1.80   | 1.98    |
| * 40AAAM  | 2/3AAA    | High Cap.  | 400                                 | 1.2                    | 10.2               | 29.2        | 1.86   | 2.05    |
| 50AAASH   | 4/5AAA    | High Cap.  | 500                                 | 1.2                    | 10.4               | 36.3        | 2.13   | 2.34    |
| 60AAHT  | AAA       | High Temp. | 600                                 | 1.2                    | 10.5               | 43.7        | 2.42   | 2.66    |
| 80AAAH  | AAA       | High Cap.  | 800                                 | 1.2                    | 10.5               | 43.7        | 2.70   | 2.97    |
| 91AALH  | AAA-L     | High Cap.  | 910                                 | 1.2                    | 10.5               | 50.0        | 2.94   | 3.23    |
| * 100AALH   | 7/5AAA    | High Cap.  | 1000                                | 1.2                    | 10.5               | 66.5        | 3.65   | 4.02    |
| * 120AALH   | 9/5AAL    | High Cap.  | 1200                                | 1.2                    | 10.5               | 80.0        | 4.02   | 4.42    |
| ** 16AAAM will be supplied as either 16AAAM or 17AAAH       |           |            |                                     |                        |                    |             |        |         |
| <b>AA</b>   |           |            |                                     |                        |                    |             |        |         |
| * 25AAH   | 1/3AA     | Standard   | 250                                 | 1.2                    | 14.5               | 16.6        | 1.91   | 2.10    |
| 75AAH   | 2/3AA     | High Cap.  | 750                                 | 1.2                    | 14.5               | 28.7        | 2.46   | 2.71    |
| 135AAH  | 4/5AA     | Standard   | 1350                                | 1.2                    | 14.4               | 42.5        | 3.23   | 3.55    |
| 130AAM  | Short AA  | Standard   | 1300                                | 1.2                    | 14.4               | 48.2        | 2.71   | 2.98    |
| * 150AAM  | Short AA  | High Cap.  | 1500                                | 1.2                    | 14.4               | 48.2        | 3.07   | 3.38    |
| 70AAM   | AA        | Economy    | 700                                 | 1.2                    | 14.4               | 48.2        | 1.98   | 2.18    |
| 160AAH  | AA        | High Cap.  | 1600                                | 1.2                    | 14.5               | 49.2        | 3.26   | 3.59    |
| 180AAH  | AA        | High Cap.  | 1800                                | 1.2                    | 14.5               | 49.2        | 3.99   | 4.39    |
| * 190AAH  | 7/5AA     | High Cap.  | 1900                                | 1.2                    | 14.5               | 65.0        | 7.45   | 8.20    |
| 200AAH  | AA        | High Cap.  | 2000                                | 1.2                    | 14.5               | 49.2        | 4.36   | 4.80    |
| 220AAH  | AA        | High Cap.  | 2200                                | 1.2                    | 14.5               | 49.2        | 4.73   | 5.20    |
| 240AAH  | AA        | High Cap.  | 2400                                | 1.2                    | 14.5               | 49.2        | 5.32   | 5.85    |
| <b>N</b>  |           |            |                                     |                        |                    |             |        |         |
| 50NH  | N         | High Cap.  | 500                                 | 1.2                    | 12.0               | 30.0        | 3.17   | 3.49    |
| <b>AF</b>   |           |            |                                     |                        |                    |             |        |         |
| * 110AFH  | 2/3AF     | Standard   | 1100                                | 1.2                    | 17.0               | 28.5        | 3.92   | 4.31    |
| * 130AFHR   | 2/3AF     | Standard R | 1100                                | 1.2                    | 17.0               | 28.5        | 6.48   | 7.13    |
| 211AFH  | 4/5AF     | High Cap.  | 2100                                | 1.2                    | 17.0               | 43.0        | 6.62   | 7.28    |
| 200AFHR   | 4/5AF     | Standard R | 2000                                | 1.2                    | 17.5               | 43.5        | 6.86   | 7.55    |
| * 210AFHT   | AF        | High Temp  | 2100                                | 1.2                    | 17.0               | 50.0        | 7.52   | 8.27    |

# Industrial Rechargeable Cells Pricelist

## Pricelist

| MODEL NUMBER                 | CELL SIZE | SERIES       | NOMINAL CAPACITY<br>(5hr Rate -mAh) | NOMINAL VOLTAGE<br>(V) | DIMENS. (diameter)           | HEIGHT (mm) | PRICE  |         |
|------------------------------|-----------|--------------|-------------------------------------|------------------------|------------------------------|-------------|--------|---------|
|                              |           |              |                                     |                        |                              |             | EX GST | INC GST |
|                              |           |              |                                     |                        |                              |             | (\$)   |         |
| <b>AF - (cont...)</b>        |           |              |                                     |                        |                              |             |        |         |
| 250AFH                       | AF        | High Cap.    | 2500                                | 1.2                    | 17.0                         | 50.2        | 6.93   | 7.62    |
| * 270AFH                     | AF        | High Cap.    | 2700                                | 1.2                    | 17.0                         | 50.2        | 7.24   | 7.96    |
| 380AFH                       | 7/5AF     | High Cap.    | 3700                                | 1.2                    | 17.5                         | 67.0        | 8.91   | 9.80    |
| <b>'Fat A'</b>               |           |              |                                     |                        |                              |             |        |         |
| 80LAH                        | 18210     | Standard     | 800                                 | 1.2                    | 18.3                         | 21.5        | 3.46   | 3.81    |
| 400LAHT                      | 18700     | High Temp    | 4000                                | 1.2                    | 18.3                         | 70.0        | 10.51  | 11.56   |
| * 410LAH                     | 18650     | High Cap.    | 4100                                | 1.2                    | 18.3                         | 64.5        | 10.96  | 12.06   |
| * 380LAHV                    | 18670     | High Drain   | 3800                                | 1.2                    | 18.3                         | 66.5        | 11.48  | 12.63   |
| * 450LAH                     | FAT 4/3A  | High Cap.    | 4300                                | 1.2                    | 18.3                         | 66.5        | 11.70  | 12.87   |
| <b>SUB C</b>                 |           |              |                                     |                        |                              |             |        |         |
| 170SCH                       | 4/5 SC    | Standard     | 1700                                | 1.2                    | 23.0                         | 34.0        | 5.89   | 6.48    |
| 220SCHR                      | 4/5 SC    | Hobby        | 2200                                | 1.2                    | 23.0                         | 34.0        | 12.20  | 13.42   |
| 220SCH                       | SC        | Standard     | 2200                                | 1.2                    | 23.0                         | 43.0        | 6.56   | 7.22    |
| * 220SCHT                    | SC        | High Temp    | 2200                                | 1.2                    | 23.0                         | 43.0        | 7.45   | 8.20    |
| 300SCH                       | SC        | High Drain   | 3000                                | 1.2                    | 23.0                         | 43.0        | 9.27   | 10.20   |
| 330SCHR                      | SC        | Hobby        | 3300                                | 1.2                    | 23.0                         | 43.0        | 12.90  | 14.19   |
| 370SCHR                      | SC        | Hobby        | 3700                                | 1.2                    | 23.0                         | 43.0        | 14.90  | 16.39   |
| 430SCHC                      | SC        | Hobby        | 4300                                | 1.2                    | 23.0                         | 43.0        | 17.94  | 19.73   |
| <b>C</b>                     |           |              |                                     |                        |                              |             |        |         |
| 350CH                        | C         | High Cap.    | 3500                                | 1.2                    | 25.8                         | 50.0        | 12.48  | 13.73   |
| 400CH                        | C         | Discontinued |                                     |                        |                              |             |        |         |
| <b>D</b>                     |           |              |                                     |                        |                              |             |        |         |
| * 700DH                      | D         | High Cap.    | 7000                                | 1.2                    | 33.0                         | 61.5        | 18.93  | 20.82   |
| * 900DH                      | D         | High Cap.    | 9000                                | 1.2                    | 33.0                         | 61.5        | 24.68  | 27.15   |
| <b>E</b>                     |           |              |                                     |                        |                              |             |        |         |
| * 1300FH                     | F         | High Cap.    | 13000                               | 1.2                    | 34.0                         | 91.0        | 38.63  | 42.49   |
| <b>NiMH 9 Volt Series</b>    |           |              |                                     |                        |                              |             |        |         |
| 17R8H                        | 9 Volt    | High Drain   | 170                                 | 8.4                    | 15.7x26.5x48.4               |             | 12.08  | 13.29   |
| 17R9H                        | 9 Volt    | High Drain   | 170                                 | 9.6                    | 15.7x26.5x48.5               |             | 14.12  | 15.53   |
| 20R8H                        | 9 Volt    | High Drain   | 200                                 | 8.4                    | 15.7x26.5x48.5               |             | 14.75  | 16.23   |
| <b>Button Cell Series</b>    |           |              |                                     |                        |                              |             |        |         |
| * 80BVH                      | Button    | -            | 80                                  | 1.2                    | 15.5                         | 6.3         | 1.76   | 1.94    |
| * 250BVH                     | Button    | -            | 250                                 | 1.2                    | 25.1                         | 6.4         | 1.89   | 2.08    |
| * 320BVH                     | Button    | -            | 320                                 | 1.2                    | 25.1                         | 8.7         | 2.06   | 2.27    |
| <b>Prismatic Cell Series</b> |           |              |                                     |                        |                              |             |        |         |
| * 4M                         |           | -            | 400                                 | 1.2                    | L x W x H<br>6.1 x 17 x 31.3 |             | 3.75   | 4.13    |
| * 5M60                       |           | -            | 550                                 | 1.2                    | 6.1 x 17 x 35.3              |             | 3.13   | 3.44    |
| * F6M                        |           | -            | 550                                 | 1.2                    | 6.7 x 16.1 x 33.8            |             | 4.49   | 4.94    |
| * 8M                         |           | -            | 800                                 | 1.2                    | 6.1 x 17 x 48                |             | 4.39   | 4.83    |

Note: Prices and specifications are subject to change without notice

Tabbed cells are available, please add \$0.80 to net price for standard tabs

For custom/special tabs, please contact Electron Flow to confirm pricing.

All pricing quoted is for bulk stock - please enquire regarding price and availability of carded stock.

\* Denotes special Order Item - leadtimes and /or minimum order quantities may apply

# Industrial Rechargeable Cells Pricelist

## Pricelist

| MODEL NUMBER  | CELL SIZE | SERIES     | NOMINAL CAPACITY<br>(5hr Rate -mAh) | NOMINAL VOLTAGE<br>(V) | DIMENS. (diameter) | HEIGHT (mm) | PRICE  |              |
|---|-----------|------------|-------------------------------------|------------------------|--------------------|-------------|--------|--------------|
|   |           |            |                                     |                        |                    |             | EX GST | INC GST (\$) |
| <b>GP "SYLVA CHARGE" Nickel Cadmium (NiCd) Series</b> |           |            |                                     |                        |                    |             |        |              |
| <b>AAA</b>  |           |            |                                     |                        |                    |             |        |              |
| 35AAAK  | AAA       | Standard   | 350                                 | 1.2                    | 10.5               | 43.7        | 1.43   | 1.57         |
| <b>AA</b>   |           |            |                                     |                        |                    |             |        |              |
| 40AAK   | 2/3 AA    | Standard   | 400                                 | 1.2                    | 14.5               | 28.7        | 1.12   | 1.23         |
| 70AAS   | AA        | Standard   | 700                                 | 1.2                    | 14.4               | 48.2        | 1.42   | 1.56         |
| 100AAS  | AA        | Standard   | 1000                                | 1.2                    | 14.4               | 48.2        | 2.24   | 2.46         |
| 120AAK  | 7/5 AA    | Standard   | 1200                                | 1.2                    | 14.5               | 65.0        | 3.06   | 3.37         |
| <b>N</b>  |           |            |                                     |                        |                    |             |        |              |
| 23NK  | N         | Standard   | 230                                 | 1.2                    | 12.0               | 30.0        | 2.42   | 2.66         |
| <b>AF</b>   |           |            |                                     |                        |                    |             |        |              |
| 70AFK   | 2/3 AF    | Standard   | 700                                 | 1.2                    | 17.0               | 28.2        | 2.32   | 2.55         |
| 120AFK  | 4/5 AF    | Standard   | 1200                                | 1.2                    | 17.0               | 42.5        | 2.64   | 2.90         |
| 140AFK  | AF        | Standard   | 1400                                | 1.2                    | 17.0               | 49.7        | 4.52   | 4.97         |
| 200AFK  | 7/5 AF    | Standard   | 2000                                | 1.2                    | 17.5               | 67.5        | 6.75   | 7.43         |
| <b>SUB C</b>  |           |            |                                     |                        |                    |             |        |              |
| 130SCK  | SC        | Standard   | 1300                                | 1.2                    | 23.0               | 43.0        | 2.92   | 3.21         |
| 160SCKT   | SC        | High Temp  | 1600                                | 1.2                    | 23.0               | 43.0        | 3.53   | 3.88         |
| 200SCK  | SC        | High Drain | 2000                                | 1.2                    | 23.0               | 43.0        | 3.98   | 4.38         |
| <b>D</b>  |           |            |                                     |                        |                    |             |        |              |
| * 250DK   | 1/2D      | High Temp  | 2500                                | 1.2                    | 33.0               | 37.0        | 6.99   | 7.69         |
| 450DKT  | D         | High Temp  | 4500                                | 1.2                    | 33.0               | 60.5        | 8.35   | 9.19         |

Note: Prices and specifications are subject to change without notice

Tabbed cells are available, please add \$0.80 to net price for standard tabs

For custom/special tabs, please contact Electron Flowl to confirm pricing.

All pricing quoted is for bulk stock - please enquire regarding price and availability of carded stock.

**Items highlighted in yellow will not be available once current stocks depleted**

\* Denotes special Order Item - leadtimes and /or minimum order quantities may apply

# Industrial Rechargeable

## Configurations

### Designation System For Battery Packs

Bottom Type Example : GP320BVH3T1H (T114M)

|          |                             |   |                    |  |
|----------|-----------------------------|---|--------------------|--|
| GP320BVH | Cell model number           | 1 | Tag type code      | For battery packs with connectors, the last two characters will be used to specify connector type eg. GP320BVH3TMU / GP60AAS3BMU |
| 3        | Number of cells in a pack   | H | Tag direction code |  |
| T        | Standard configuration code |   |                    |  |

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)

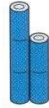
Cylindrical Type :



**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 Mitsum, JST, Molex plugs etc.)
- Minimise inventory items
- User friendly



**MU**  
Universal Plug



**MJ**  
JST EHR-2



**ML**  
Molex 5264-02



**MS**  
Mitsumi M63M83-02