BATTERY BROCHURE No. 1501



BATTERIES FOR ALMOST EVERYTHING





In this brochure...

- Sealed Energy SLA Batteries
- Cyclon SLA Monoblocs
- Custom NiCad & NiMH Packs





RB General Purpose Batteries

| | | | | | | | | | Total H | leight* | | | |
|-------------------|---------|----------------|--------------|------------|--------------|----------|--------------|------------|--------------|------------|----------------|--------------|-----------|
| | Voltage | Capacity | Len | gth | Wi | dth | | ght* | ` | erminal) | | ight | Standard |
| Part No. | (V) | (AH) | in | mm | in | mm | in. | mm | in. | mm | lbs | kgs | Terminal |
| RB445 | 4 | 4.50 | 1.89 | 48 | 2.09 | 53 | 3.70 | 94 | 3.86 | 98 | 1.30 | 0.59 | F2 |
| RBX446 | 4 | 4.60 | 1.86 | 47 | 1.90 | 48 | 4.00 | 101 | 4.20 | 106 | 1.30 | 0.59 | F1 |
| RB490 | 4 | 9.00 | 4.01 | 102 | 1.73 | 44 | 3.74 | 95 | 4.02 | 102 | 2.20 | 1.00 | F2 |
| RB4100 | 4 | 10.00 | 4.01 | 102 | 1.97 | 50 | 3.70 | 94 | 3.85 | 98 | 2.50 | 1.13 | F1 |
| RB610 | 6 | 1.10 | 2.0 | 51 | 1.65 | 42 | 2.0 | 51 | 2.20 | 56 | 0.44 | 0.20 | F1 |
| RB612 | 6 | 1.40 | 3.82 | 97 | 0.94 | 24 | 2.0 | 51 | 2.20 | 56 | 0.66 | 0.30 | F1 |
| RB623 | 6 | 2.30 | 1.69 | 43 | 1.45 | 37 | 2.99 | 76 | 2.99 | 76 | 0.75 | 0.34 | F1 Side |
| RB630S | 6 | 3.20 | 4.92 | 102 | 1.34 | 34 | 2.35 | 60 | 2.56 | 65 | 1.37 | 0.62 | F1 |
| RB630 | 6 | 3.50 | 5.28 | 134 | 1.34 | 34 | 2.35 | 60 | 2.56 | 65 | 1.37 | 0.62 | F1 |
| RB632 | 6 | 3.50 | 2.60 | 66 | 1.30 | 33 | 4.65 | 118 | 4.80 | 122 | 1.65 | 0.83 | F1 |
| RB640 | 6 | 4.50 | 2.76 | 70 | 1.86 | 47 | 3.94 | 100 | 4.25 | 108 | 1.60 | 0.73 | F1 |
| RB650LS | 6 | 5.00 | 2.64 | 67 | 2.64 | 67 | 3.94 | 100 | 4.64 | 118 | 1.80 | 0.82 | SP |
| RB650LF | 6 | 5.00 | 2.64 | 67 | 2.64 | 67 | 3.94 | 100 | 4.64 | 118 | 1.80 | 0.82 | F1 |
| RB667 | 6 | 6.50 | 3.86 | 98 | 2.20 | 56 | 3.78 | 96 | 4.02 | 102 | 2.70 | 1.22 | FP |
| RB670 | 6 | 7.00 | 5.95 | 151 | 1.34 | 34 | 3.70 | 94 | 3.94 | 100 | 2.42 | 1.10 | F1 |
| RB682 | 6 | 9.00 | 3.86 | 98 | 2.20 | 56 | 4.65 | 118 | 4.72 | 120 | 3.20 | 1.45 | F1 |
| RB6100 | 6 | 10.00 | 5.95 | 151 | 2.0 | 51 | 3.70 | 94 | 3.86 | 98 | 4.30 | 1.95 | F1 or F2 |
| RB6121 | 6 | 12.00 | 5.95 | 151 | 2.0 | 51 | 3.70 | 94 | 3.86 | 98 | 4.30 | 1.95 | F1 or F2 |
| RB6120 | 6 | 13.00 | 4.25 | 108 | 2.80 | 71 71 | 5.55 | 141 | 5.55 | 141 | 4.80 | 2.18 | FP |
| RB6140 | 6 | 14.00 18.00 | 4.25 | 108 | 2.80 | | 5.55 | 141 | 5.55 | 141 | 4.80 | 2.18 | FP |
| RBX6180 RB6200 | 6 6 | 20.00 | 3.60 6.18 | 91 157 | 3.34 3.27 | 84 83 | 6.49 4.92 | 164 125 | 6.70 | 170 125 | 6.80 | 3.08 3.22 | F2 NB1 |
| | | | | | | | | 125 | 4.92 | | 7.10 | | F2 |
| RBX6330 RB6360 | 6 6 | 33.00 36.00 | 6.25 6.25 | 158 159 | 3.35 3.35 | 85 85 | 6.50 6.50 | 165 | 6.75 | 171 176 | 12.20 12.10 | 5.53 | F2 or NB1 |
| RBX6500 | 6 | 58.00 | 7.24 | 183 | 4.40 | 111 | 7.42 | 188 | 6.93 8.32 | 211 | 21.50 | 5.49 9.75 | NB4 |
| RB832 | 8 | 3.20 | 5.29 | 134 | 1.42 | 36 | 2.49 | 63 | 2.70 | 69 | 1.58 | 9.75 | F1 |
| RB1208 | 12 | 0.80 | 3.78 | 96 | 0.98 | 25 | 2.49 | 62 | 2.44 | 62 | 0.77 | 0.72 | wire&plug |
| RB1208 | 12 | 1.40 | 3.78 | 90 | 1.69 | 43 | 2.44 | 52 | 2.44 | 58 | 1.20 | 0.55 | F1 |
| RB1212 | 12 | 2.50 | 7.00 | 178 | 1.38 | 35 | 2.36 | 60 | 2.20 | 65 | 2.10 | 0.95 | F1 |
| RB1223 | 12 | 2.30 | 7.17 | 182 | 0.94 | 24 | 2.40 | 61 | 2.40 | 61 | 1.50 | 0.68 | PC |
| RB1223 | 12 | 2.90 | 3.11 | 79 | 2.20 | 56 | 3.90 | 99 | 4.13 | 105 | 2.40 | 1.09 | F1 |
| RB1228 | 12 | 2.80 | 5.24 | 133 | 1.30 | 33 | 3.82 | 97 | 4.09 | 103 | 2.60 | 1.18 | F1 |
| RB1229 | 12 | 2.90 | 7.0 | 178 | 1.38 | 35 | 2.36 | 60 | 2.60 | 66 | 2.30 | 1.04 | F1 |
| RB1230 | 12 | 3.40 | 5.24 | 133 | 2.64 | 67 | 2.36 | 60 | 2.60 | 66 | 2.90 | 1.32 | F1 |
| RB1252 | 12 | 5.00 | 3.54 | 90 | 2.76 | 70 | 3.98 | 101 | 4.21 | 107 | 3.50 | 1.59 | F1 or F2 |
| RB1255RT | 12 | 6.00 | 5.50 | 140 | 1.90 | 48 | 4.00 | 102 | 4.06 | 103 | 4.06 | 1.84 | Recess FP |
| RB1270 | 12 | 7.50 | 5.95 | 151 | 2.56 | 65 | 3.70 | 94 | 3.86 | 98 | 4.80 | 2.18 | F1 or F2 |
| RB1290 | 12 | 9.00 | 5.95 | 151 | 2.56 | 65 | 3.70 | 94 | 3.86 | 98 | 6.00 | 2.72 | F2 or NB1 |
| RB12100 | 12 | 10.00 | 5.94 | 151 | 2.56 | 65 | 4.40 | 112 | 4.67 | 118 | 7.23 | 3.28 | F2 |
| RB12120 | 12 | 12.00 | 5.95 | 151 | 3.86 | 98 | 3.70 | 94 | 3.94 | 100 | 7.92 | 3.59 | F2 or NB |
| RB12150 | 12 | 15.00 | 5.94 | 151 | 3.86 | 98 | 3.70 | 94 | 3.94 | 100 | 9.37 | 4.25 | F1 or F2 |
| RB12180 | 12 | 18.00 | 7.13 | 181 | 3.00 | 76 | 6.59 | 167 | 6.59 | 167 | 12.60 | 5.72 | F2 or NB2 |
| RBX12250 | 12 | 25.00 | 6.51 | 165 | 4.91 | 124 | 6.53 | 165 | 6.75 | 171 | 17.30 | 7.84 | F2 |
| RB12260 | 12 | 26.00 | 6.56 | 167 | 6.97 | 177 | 4.92 | 125 | 4.92 | 125 | 17.00 | 7.71 | F2 or NB2 |
| RB12280 | 12 | 28.00 | 6.50 | 165 | 4.92 | 125 | 6.97 | 177 | 6.97 | 177 | 20.10 | 9.14 | NB1 |
| RBX12330L | 12 | 33.00 | 12.50 | 317 | 3.35 | 85 | 6.50 | 165 | 6.75 | 171 | 24.50 | 11.11 | F2 |
| RBX12330S | 12 | 33.00 | 6.25 | 158 | 6.72 | 170 | 6.50 | 165 | 6.75 | 171 | 24.50 | 11.11 | F2 |
| RB12330 | 12 | 33.00 | 7.72 | 196 | 5.14 | 131 | 6.22 | 158 | 7.00 | 178 | 24.00 | 10.88 | NB4 |
| RB12400 | 12 | 40.00 | 7.76 | 197 | 6.50 | 165 | 6.69 | 170 | 6.69 | 170 | 29.10 | 13.20 | NB4 |
| RB12550 | 12 | 55.00 | 9.04 | 230 | 5.45 | 138 | 8.15 | 207 | 8.98 | 228 | 36.00 | 16.33 | NB3 |
| RB12750 | 12 | 75.00 | 10.25 | 260 | 6.60 | 168 | 8.15 | 207 | 8.98 | 228 | 50.60 | 22.95 | NB3 |
| RB121000 | 12 | 100.00 | 12.00 | 305 | 6.60 | 168 | 8.15 | 207 | 8.98 | 228 | 68.00 | 30.84 | NB3 |

*Height tolerances: (+/-) 0.4in (1mm) and (+/-) 0.08in (2mm) Actual product may vary from images shown Call 800-245-4784 for additional battery types and sizes



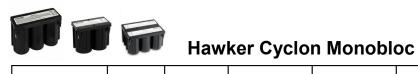
RBHR High Rate Discharge (UL94 VO flame retardant case and cover)

| | Voltage | Capacity | Len | Length | | Width | | ght* | Total Height* (Incl. Terminal) | | Weight | | Standard |
|--------------|---------|----------|------|--------|------|-------|------|------|-----------------------------------|-----|--------|------|----------|
| Part No. | (V) | (AH) | in | mm | in | mm | in. | mm | in. | mm | lbs | kgs | Terminal |
| RBHR655-FR | 6 | 5.5 | 2.76 | 70 | 1.85 | 47 | 3.94 | 100 | 4.17 | 106 | 2.10 | 0.95 | F1 |
| RBHR690-FR | 6 | 9.0 | 5.95 | 151 | 1.34 | 34 | 3.70 | 94 | 3.94 | 100 | 3.09 | 1.40 | F2 |
| RBHR6121-FR | 6 | 12.0 | 5.95 | 151 | 2.00 | 51 | 3.70 | 94 | 3.94 | 100 | 4.18 | 1.90 | F2 |
| RBHR1235-FR | 12 | 3.5 | 5.24 | 133 | 2.64 | 67 | 2.36 | 60 | 2.60 | 66 | 2.99 | 1.36 | F2 |
| RBHR1255-FR | 12 | 6.0 | 3.54 | 90 | 2.76 | 70 | 3.98 | 101 | 4.21 | 107 | 4.00 | 1.81 | F2 |
| RBHR1280-FR | 12 | 8.5 | 5.94 | 151 | 2.56 | 65 | 3.70 | 94 | 3.86 | 98 | 6.00 | 2.72 | F2 |
| RBHR1290-FR | 12 | 9.0 | 5.95 | 151 | 2.56 | 65 | 3.70 | 94 | 3.94 | 100 | 5.84 | 2.65 | F2 |
| RBHR12100-FR | 12 | 10.5 | 5.94 | 151 | 2.56 | 65 | 4.37 | 111 | 4.61 | 117 | 7.00 | 3.18 | F2 |
| RBHR12120-FR | 12 | 12.0 | 5.95 | 151 | 3.86 | 98 | 3.70 | 94 | 3.94 | 100 | 8.71 | 3.95 | F2 |
| RBHR12150-FR | 12 | 15.0 | 5.95 | 151 | 3.86 | 98 | 3.70 | 94 | 3.94 | 100 | 10.10 | 4.60 | F2 |
| RBHR12180-FR | 12 | 21.0 | 7.14 | 181 | 3.03 | 77 | 6.59 | 167 | 6.59 | 167 | 13.20 | 5.99 | NB2 |



RBLL High-Rate Long Life

| | Voltage | Watts/Cell @ 15-min | Len | Length | | Width | | Height* | | Total Height* (Incl. Terminal) | | ight | Standard |
|-----------|---------|------------------------|-------|--------|------|-------|-------|---------|-------|-----------------------------------|------|------|----------|
| Part No. | (V) | (1.67 V/Cell) | in | mm | in | mm | in. | mm | in. | mm | lbs | kgs | Terminal |
| RBLL6620 | 6 | 361 | 12.70 | 323 | 7.00 | 178 | 8.98 | 228 | 9.21 | 234 | 71.6 | 32.5 | T11 20mm |
| RBLL12100 | 12 | 93 | 6.56 | 167 | 4.92 | 125 | 6.97 | 177 | 6.97 | 177 | 17.4 | 7.9 | T12 12mm |
| RBLL12150 | 12 | 143 | 7.72 | 196 | 5.14 | 131 | 6.14 | 156 | 6.57 | 167 | 22.5 | 10.2 | T6 16mm |
| RBLL12200 | 12 | 202 | 9.04 | 230 | 5.45 | 138 | 8.15 | 207 | 8.98 | 228 | 36.0 | 16.3 | T6 16mm |
| RBLL12300 | 12 | 274 | 10.24 | 260 | 6.61 | 168 | 8.27 | 210 | 8.51 | 216 | 54.0 | 24.6 | T6 16mm |
| RBLL12350 | 12 | 330 | 12.05 | 306 | 6.61 | 168 | 8.27 | 210 | 8.51 | 216 | 69.5 | 31.5 | T6 16mm |
| RBLL12400 | 12 | 386 | 13.00 | 330 | 6.80 | 173 | 8.35 | 212 | 8.66 | 220 | 70.0 | 31.8 | T11 20mm |
| RBLL12500 | 12 | 492 | 13.19 | 335 | 6.77 | 172 | 10.83 | 275 | 10.94 | 278 | 92.6 | 42.0 | T11 20mm |



| | Voltage | Capacity | Length | | Width | | Height* | | Total Height* (Incl. Terminal) | | Weight | | Standard |
|-----------|---------|----------|--------|-----|-------|----|---------|-----|-----------------------------------|-----|--------|------|----------|
| Part No. | (V) | (AH) | in | mm | in | mm | in. | mm | in. | mm | lbs | kgs | Terminal |
| 0819-0010 | 4 | 2.50 | 3.13 | 80 | 1.81 | 46 | 2.75 | 70 | 2.75 | 70 | 0.80 | 0.36 | F1 |
| 0809-0010 | 4 | 5.00 | 3.80 | 97 | 2.12 | 54 | 3.02 | 77 | 3.02 | 77 | 1.62 | 0.74 | F2 |
| 0859-0010 | 4 | 8.00 | 3.81 | 97 | 2.13 | 54 | 4.00 | 102 | 4.00 | 102 | 2.11 | 0.96 | F2 |
| 0819-0012 | 6 | 2.50 | 4.48 | 114 | 1.81 | 46 | 2.75 | 70 | 2.75 | 70 | 1.15 | 0.52 | F1 |
| 0809-0012 | 6 | 5.00 | 5.48 | 139 | 2.12 | 54 | 3.02 | 77 | 3.02 | 77 | 2.16 | 0.98 | F2 |
| 0859-0012 | 6 | 8.00 | 5.48 | 139 | 2.13 | 54 | 4.00 | 102 | 4.00 | 102 | 3.15 | 1.43 | F2 |



RBG Monobloc Alternative

| | Voltage | Capacity | اما | Length | | Width | | Height* | | leight* erminal) | Weight | | Standard |
|----------|---------|----------|------|--------|------|-------|------|---------|------|---------------------|--------|------|----------|
| Part No. | (V) | (AH) | in | mm | in | mm | in. | mm | in. | mm | lbs | kgs | Terminal |
| RBG450 | 4 | 5.00 | 3.54 | 89 | 1.94 | 49 | 2.87 | 72 | 2.87 | 72 | 1.76 | 0.79 | F2 |
| RBG480 | 4 | 8.00 | 3.54 | 89 | 1.94 | 49 | 4.00 | 101 | 4.00 | 101 | 2.56 | 1.16 | F2 |
| RBG625 | 6 | 2.50 | 4.15 | 105 | 1.63 | 41 | 2.70 | 69 | 2.70 | 69 | 1.17 | 0.53 | F1 |
| RBG650 | 6 | 5.00 | 5.28 | 134 | 1.94 | 49 | 3.00 | 76 | 3.00 | 76 | 2.62 | 1.18 | F2 |
| RBG680 | 6 | 8.00 | 5.28 | 134 | 1.94 | 49 | 3.99 | 101 | 3.99 | 101 | 3.88 | 1.75 | F2 |

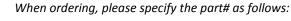
*Height tolerances: (+/-) 0.4in (1mm) and (+/-) 0.08in (2mm) Actual product may vary from images shown Call 800-245-4784 for additional battery types and sizes



GEL Series

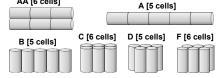
| | Voltage | Capacity | Length | | Width | | Height* | | Total Height* (Incl. Terminal) | | Weight | | Standard |
|------------|---------|----------|--------|-----|-------|-----|---------|-----|-----------------------------------|-----|--------|------|-----------|
| Part No. | (V) | (AH) | in | mm | in | mm | in. | mm | in. | mm | lbs | kgs | Terminal |
| GEL-GRP/U1 | 12 | 31.00 | 7.68 | 195 | 5.12 | 130 | 6.46 | 164 | 7.00 | 178 | 23.6 | 10.7 | NB3 or T6 |
| GEL-GRP/22 | 12 | 51.00 | 9.02 | 229 | 5.43 | 138 | 8.07 | 215 | 8.98 | 228 | 36.6 | 16.6 | NB5 or T6 |
| GEL-GRP/24 | 12 | 72.00 | 10.20 | 259 | 6.61 | 168 | 8.19 | 208 | 8.98 | 228 | 50.7 | 23.0 | NB5 or T6 |
| GEL-GRP/27 | 12 | 87.00 | 12.01 | 305 | 6.61 | 168 | 8.15 | 207 | 8.98 | 228 | 59.8 | 27.1 | NB5 or T6 |
| GEL-GRP/31 | 12 | 98.00 | 12.99 | 330 | 6.81 | 173 | 8.35 | 212 | 8.58 | 218 | 68.4 | 31.0 | T11 |

Custom NiCad & NiMH Packs



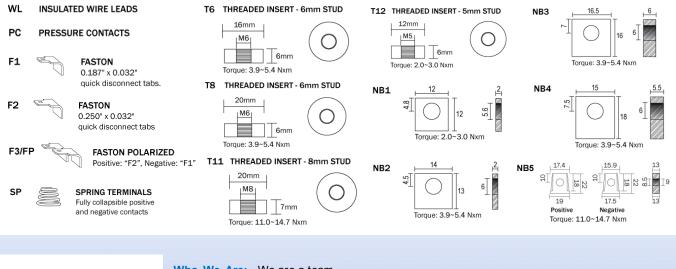
NC AA 5 D WL NC = Ni-Cad NM = NIMH Cell Size # of Cells Cell Configuration Cell Termination

CELL CONFIGURATIONS



| _ | CELL SIZE +/- 0.02" (0.5mm) | ААА | 1/3AA | 1/2AA (2/3AA) | AA | 1/3A | 2/3A | 4/5A | 4/5SC | sc | 5/4SC | 1/2D | D | F |
|---|--------------------------------|-----------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|-----------------|
| | Height | 1.70" 43.1mm | 0.65'' 16.4mm | 1.14" 28.0mm | 1.91" 48.5mm | 0.65" 16.5mm | 1.12" 28.5mm | 1.69'' 42.8mm | 1.30" 33.1mm | 1.67'' 42.5mm | 1.94" 49.3mm | 1.40'' 35.5mm | 2.32" 58.9mm | 3.52 89.3mm |
| | Diameter | 0.40" 10.2mm | 0.56'' 14.2mm | 0.56'' 14.2mm | 0.56'' 14.2mm | 0.66" 16.8mm | 0.66'' 16.8mm | 0.66'' 16.8mm | 0.88" 22.3mm | 0.88'' 22.3mm | 0.88" 22.3mm | 1.28" 32.4mm | 1.28" 32.4mm | 1.28" 32.4mm |

Standard Terminals





Who We Are: We are a team of battery professionals with over 100 years of combined experience in the battery industry dedicated to finding you battery solutions.

What We Do: We provide batteries for almost any application to both the OEM and replacement markets. We have multiple chemistries in stock and can build custom battery packs in as little as 24 hours. Our Customer Support Specialists are trained to properly identify the right battery for you and get it to you ASAP.

| Distributed By: | |
|---------------------------|--|
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| | |
| BATTERY SPECIALISTS, INC. | |
| | |

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