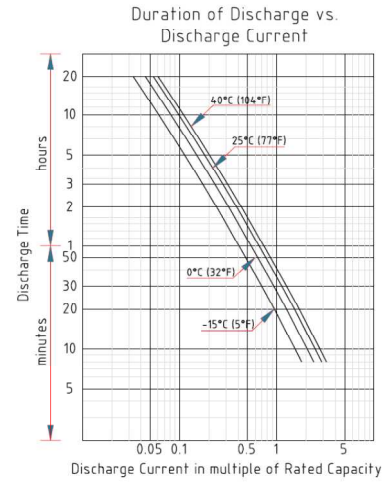
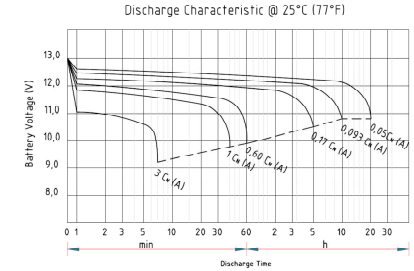
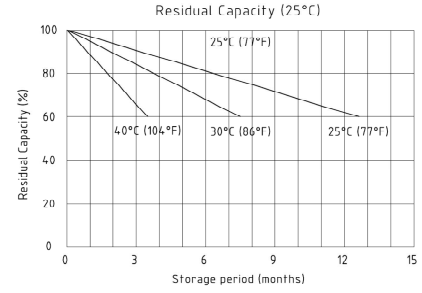
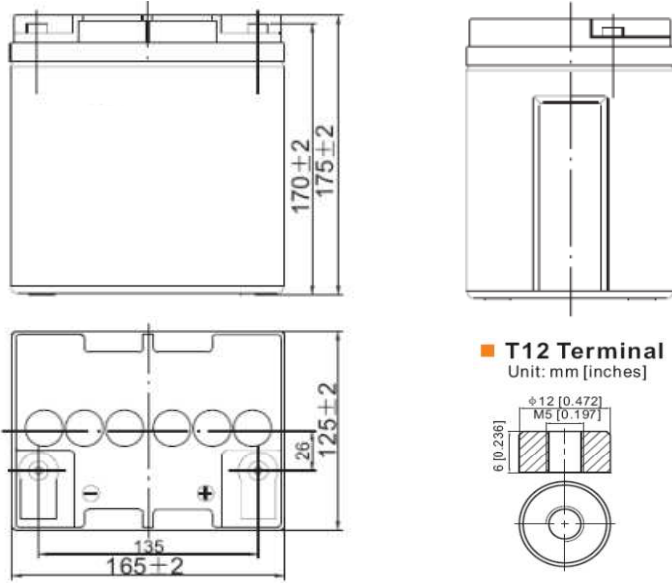
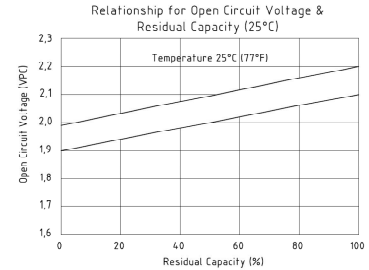




**GENERAL PURPOSE BATTERIES**



| Specification                    |   |
|----------------------------------|---|
| Nominal Voltage                  | 12 V  |
| Nominal Capacity (20 Hr)         | 24 Ah   |
| Dimension                        | Length 165±2 mm (6,50 inches)   |
|                                  | Width 125±2 mm (4,92 inches)  |
|                                  | Container Height 175±2 mm (6,89 inches)   |
|                                  | Total Height (with terminal) 175±1 mm (6,89 inches)   |
| Approx Weight                    | Approx 8,7 kg (19,2 lbs)  |
| Terminal                         | T12   |
| Container Material               | ABS   |
| Rated Capacity                   | 24 Ah / 1,2A (20 hr, 1,80 V/cell, 25°C/77°F)  |
|                                  | 22,3 Ah / 2,23A (10 hr, 1,80 V/cell, 25°C/77°F)   |
|                                  | 20,4 Ah / 4,08A (5 hr, 1,75 V/cell, 25°C/77°F)  |
|                                  | 18,36 Ah / 6,12A (3 hr, 1,75 V/cell, 25°C/77°F)   |
|                                  | 15,07 Ah / 15,07A (1 hr, 1,60 V/cell, 25°C/77°F)  |
| Max Discharge Current            | 360,0 A (5 s)   |
| Internal Resistance              | Approx 15,0 mΩ  |
| Operating Temperat. Range        | Discharge : -15÷50°C (5÷122°F)  |
|                                  | Charge : 0÷40°C (32÷104°F)  |
|                                  | Storage : -15÷40°C (5÷104°F)  |
| Nominal Operating Temp. Range    | 25±3°C (77±5°F)   |
| Cycle Use                        | Initial Charging Current less than 4,8 A Voltage 14,4÷15,0V at 25°C (77°F) Temperature Coefficient -30mV/°C   |
| Standby Use                      | No limit on Initial Charging Current Voltage 13,5÷13,8 V at 25°C (77°F) Temperature Coefficient -20mV/°C  |
| Capacity affected by Temperature | 40°C (104°F) 103%<br>25°C (77°F) 100%<br>0°C (32°F) 86%   |
| Self Discharge                   | Enerpower SLC series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter. |



**Constant Current Discharge (Amperes) at 25°C (77°F)**

| F.V / Time   | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h   | 2 h  | 3 h  | 4 h  | 5 h  | 6 h  | 8 h  | 10 h | 20 h |
|--------------|--------|--------|--------|--------|--------|-------|------|------|------|------|------|------|------|------|
| 1,85V / cell | 35,1   | 29,1   | 25,1   | 19,4   | 14,32  | 12,07 | 7,14 | 5,58 | 4,54 | 3,70 | 3,21 | 2,59 | 2,16 | 1,19 |
| 1,80V / cell | 44,8   | 35,1   | 29,7   | 22,9   | 16,70  | 13,52 | 7,79 | 6,01 | 4,85 | 3,97 | 3,45 | 2,75 | 2,23 | 1,20 |
| 1,75V / cell | 49,3   | 38,4   | 32,0   | 23,8   | 17,30  | 14,14 | 8,08 | 6,12 | 4,96 | 4,08 | 3,54 | 2,80 | 2,29 | 1,21 |
| 1,70V / cell | 53,7   | 41,0   | 33,6   | 24,8   | 18,00  | 14,59 | 8,28 | 6,29 | 5,09 | 4,18 | 3,61 | 2,84 | 2,34 | 1,23 |
| 1,67V / cell | 55,9   | 42,3   | 34,7   | 25,5   | 18,2   | 14,76 | 8,34 | 6,43 | 5,18 | 4,24 | 3,65 | 2,86 | 2,37 | 1,24 |
| 1,65V / cell | 58,0   | 43,6   | 35,7   | 26,1   | 18,40  | 14,93 | 8,40 | 6,56 | 5,26 | 4,30 | 3,69 | 2,88 | 2,39 | 1,25 |
| 1,60V / cell | 62,9   | 46,6   | 38,0   | 27,6   | 19,20  | 15,07 | 8,76 | 6,76 | 5,43 | 4,44 | 3,77 | 2,91 | 2,41 | 1,26 |

**Constant Power Discharge (Watts) at 25°C (77°F)**

| F.V / Time   | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h   | 2 h   | 3 h   | 4 h   | 5 h  | 6 h  | 8 h  | 10 h | 20 h |
|--------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|------|------|------|------|
| 1,85V / cell | 69,79  | 58,10  | 50,41  | 39,11  | 28,85  | 24,29 | 14,28 | 11,10 | 8,99  | 7,32 | 6,35 | 5,13 | 4,29 | 2,35 |
| 1,80V / cell | 89,80  | 70,33  | 59,58  | 46,01  | 33,72  | 27,27 | 15,54 | 11,89 | 9,59  | 7,85 | 6,80 | 5,43 | 4,42 | 2,37 |
| 1,75V / cell | 98,99  | 77,13  | 64,39  | 48,00  | 34,95  | 28,70 | 16,17 | 12,18 | 9,81  | 8,06 | 6,98 | 5,53 | 4,54 | 2,39 |
| 1,70V / cell | 107,64 | 82,46  | 68,17  | 50,35  | 36,61  | 29,82 | 16,67 | 12,54 | 10,10 | 8,27 | 7,13 | 5,61 | 4,64 | 2,44 |
| 1,67V / cell | 112,60 | 85,70  | 69,60  | 52,00  | 37,30  | 30,10 | 16,90 | 12,80 | 10,10 | 8,40 | 7,20 | 5,70 | 4,70 | 2,46 |
| 1,65V / cell | 117,13 | 88,51  | 72,92  | 53,23  | 37,56  | 30,46 | 16,97 | 13,10 | 10,40 | 8,50 | 7,29 | 5,72 | 4,74 | 2,47 |
| 1,60V / cell | 125,51 | 93,89  | 77,36  | 56,06  | 39,02  | 30,68 | 17,56 | 13,45 | 10,73 | 8,77 | 7,44 | 5,75 | 4,78 | 2,48 |