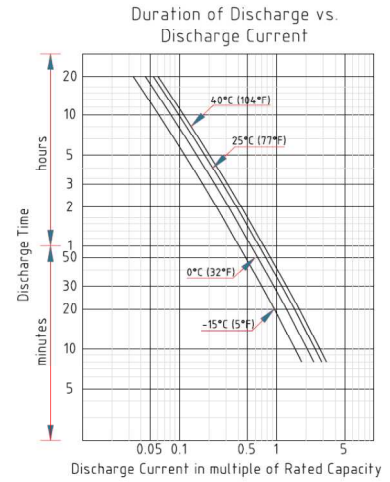
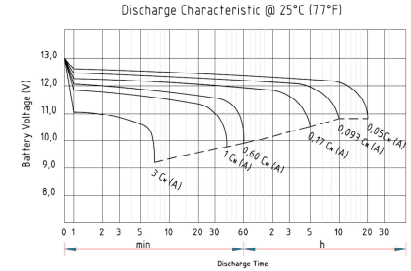
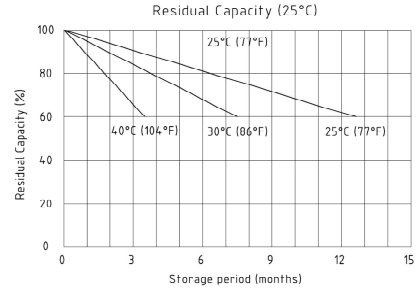
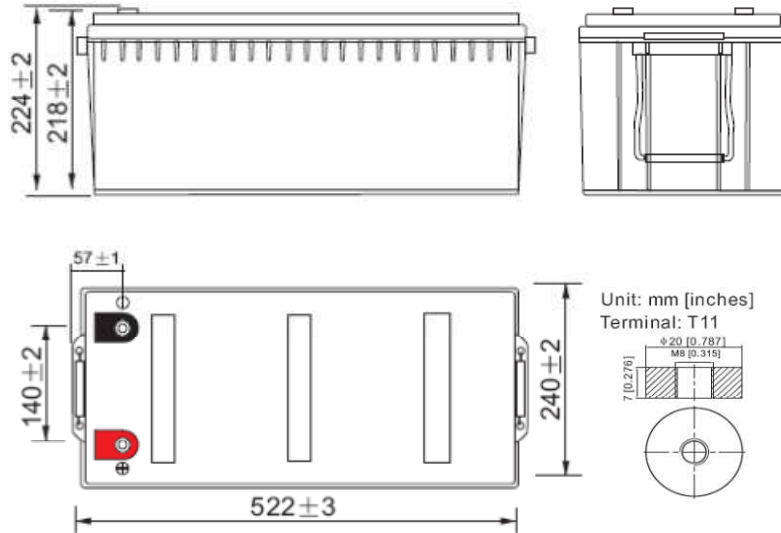
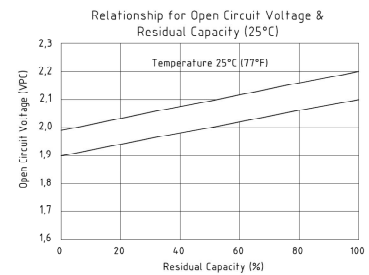


# Serie SLC 200-12A (200 Ah 12V)

## GENERAL PURPOSE BATTERIES



| Specification                    |   |
|----------------------------------|---|
| Nominal Voltage                  | 12 V  |
| Nominal Capacity (20 Hr)         | 200Ah   |
| Dimension                        | Length 522±3 mm (20,55 inches)  |
|                                  | Width 240±2 mm (9,45 inches)  |
|                                  | Container Height 218±2 mm (8,58 inches)   |
|                                  | Total Height (with terminal) 224±2 mm (8,81 inches)   |
| Approx Weight                    | Approx 59,0 kg (130,0 lbs)  |
| Terminal                         | T11   |
| Container Material               | ABS   |
| Rated Capacity                   | 208 Ah / 10,4A (20 hr, 1,80 V/cell, 25°C/77°F)  |
|                                  | 200 Ah / 20A (10 hr, 1,80 V/cell, 25°C/77°F)  |
|                                  | 172,5 Ah / 34,5A (5 hr, 1,75 V/cell, 25°C/77°F)   |
|                                  | 156 Ah / 52A (3 hr, 1,75 V/cell, 25°C/77°F)   |
|                                  | 122 Ah / 122A (1 hr, 1,60 V/cell, 25°C/77°F)  |
| Max Discharge Current            | 2.000,0 A (5 s)   |
| Internal Resistance              | Approx 2,7 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 40 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%   |
|                                  | 25°C (77°F) 100%  |
|                                  | 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 | 278,4  | 240,0  | 204,6  | 154,8  | 115,1  | 94,3  | 60,1 | 46,2  | 37,6  | 31,3 | 27,2  | 22,1  | 18,9 | 10,30 |
| 1,80V / cell | 343,9  | 282,4  | 235,8  | 179,5  | 133,9  | 105,6 | 65,5 | 50,6  | 40,6  | 33,6 | 29,2  | 23,4  | 20,0 | 10,40 |
| 1,75V / cell | 377,8  | 302,0  | 250,2  | 189,2  | 139,0  | 110,5 | 68,0 | 52,0  | 41,7  | 34,5 | 30,0  | 23,8  | 20,2 | 10,50 |
| 1,70V / cell | 411,8  | 322,5  | 264,0  | 196,4  | 144,5  | 114,0 | 70,7 | 53,5  | 42,7  | 35,3 | 30,6  | 24,2  | 20,4 | 10,70 |
| 1,67V / cell | 428,1  | 332,7  | 272,7  | 200,5  | 146,3  | 115,9 | 71,7 | 54,65 | 43,45 | 35,8 | 30,95 | 24,45 | 20,6 | 10,75 |
| 1,65V / cell | 444,4  | 342,9  | 281,4  | 204,6  | 148,1  | 117,8 | 72,7 | 55,8  | 44,2  | 36,3 | 31,3  | 24,7  | 20,8 | 10,80 |
| 1,60V / cell | 476,4  | 366,7  | 297,6  | 216,0  | 154,4  | 122,0 | 75,1 | 57,5  | 45,5  | 37,3 | 32,0  | 25,1  | 21,0 | 10,90 |

### 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 | 553,90 | 479,15 | 410,19 | 311,81 | 232,14 | 189,63 | 119,75 | 91,72  | 74,28 | 61,79 | 53,77 | 43,71 | 37,45 | 20,40 |
| 1,80V / cell | 688,27 | 565,13 | 472,73 | 360,52 | 270,85 | 213,34 | 130,95 | 100,55 | 80,24 | 66,29 | 57,66 | 46,31 | 39,62 | 20,61 |
| 1,75V / cell | 759,13 | 606,87 | 503,92 | 381,59 | 281,40 | 224,29 | 136,22 | 103,72 | 82,48 | 68,28 | 59,20 | 47,14 | 40,08 | 20,71 |
| 1,70V / cell | 825,30 | 649,61 | 535,98 | 398,76 | 294,58 | 232,73 | 142,18 | 106,81 | 84,75 | 69,90 | 60,48 | 47,82 | 40,44 | 21,11 |
| 1,67V / cell | 860,10 | 674,70 | 548,80 | 410,20 | 300,10 | 237,30 | 144,70 | 109,00 | 85,60 | 71,00 | 61,40 | 48,80 | 40,80 | 21,27 |
| 1,65V / cell | 898,34 | 696,73 | 574,66 | 416,65 | 301,72 | 240,52 | 146,05 | 111,28 | 87,61 | 71,71 | 61,74 | 48,90 | 41,31 | 21,42 |
| 1,60V / cell | 949,90 | 739,24 | 605,94 | 438,90 | 313,89 | 248,67 | 150,77 | 114,52 | 90,09 | 73,73 | 63,04 | 49,61 | 41,77 | 21,52 |