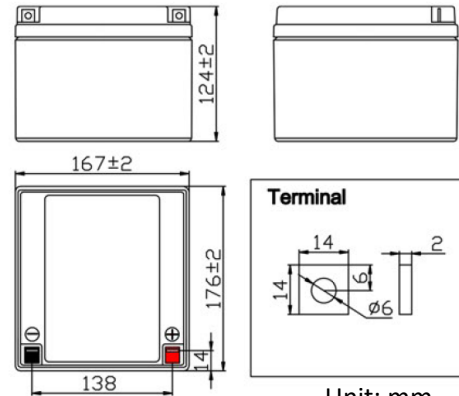


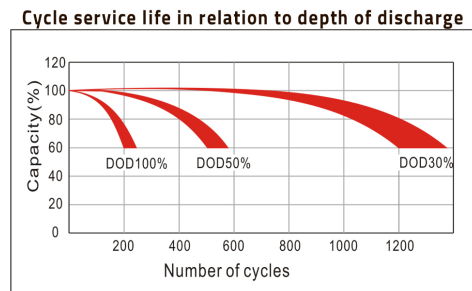
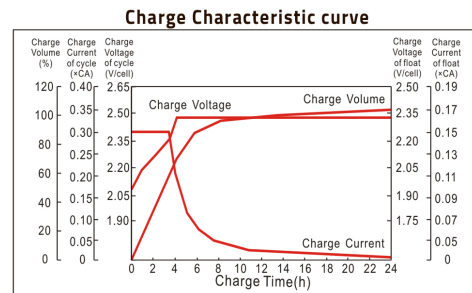
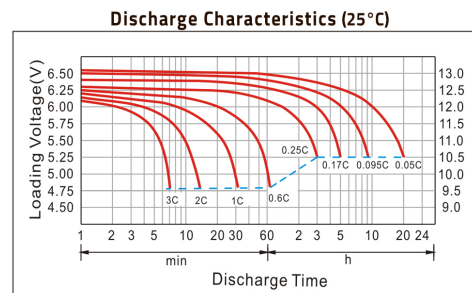
PQ1228T3-T24 (12V 28Ah)



Unit: mm

| Specifications | | PQ1228T3-T24 |
|---------------------|--------------|--------------|
| Nominal Voltage | | 12V |
| Rated Capacity | | 28.0Ah |
| Dimensions (mm) | Length | 167 |
| | Width | 176 |
| | Height | 124 |
| | Total Height | 124 |
| Approx. Weight (kg) | | 8.0 |
| Terminal | | T3-T24 |

| Characteristics | | |
|--|-----------------------|--|
| Capacity 25°C | 20HR (1.414A) | 28.2Ah |
| | 10HR (2.702A) | 27.0Ah |
| | 5HR (4.830A) | 24.1Ah |
| | 1HR (18.20A) | 18.2Ah |
| | 15 min rate (50.89A) | 12.7Ah |
| Impedance | Fully charged battery | Approx. |
| | 25°C | 12mΩ |
| Temperature dependence of capacity (20HR) | 40°C | 104% |
| | 25°C | 100% |
| | 0°C | 85% |
| Self-discharge (20°C) (remaining capacity) | 3 months | 90% |
| | 6 months | 80% |
| | 12 months | 60% |
| Max. discharge current (25°C) | | 420A (5s) |
| Service life acc. to EUROBAT (25°C) | | 3-5 years |
| Constant voltage charge (25°C) | Cycle | 14.5~14.9V(-24mV/°C) max. current: 8.4A |
| | Float | 13.6~13.8V(-18mV/°C) |



Constant Current Discharge Characteristics (A), (25°C)

| EV/TIME | 5min | 8min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V/cell | 107,4 | 82,26 | 74,29 | 50,89 | 30,51 | 18,20 | 10,25 | 7,322 | 4,939 | 3,270 | 2,800 | 1,498 |
| 1.67V/cell | 103,9 | 79,89 | 71,07 | 49,14 | 30,18 | 18,02 | 10,18 | 7,266 | 4,903 | 3,245 | 2,772 | 1,478 |
| 1.70V/cell | 102,0 | 77,51 | 68,93 | 47,35 | 29,84 | 17,79 | 10,09 | 7,140 | 4,866 | 3,220 | 2,730 | 1,445 |
| 1.75V/cell | 97,89 | 73,80 | 66,07 | 45,53 | 28,96 | 17,57 | 10,01 | 7,070 | 4,830 | 3,192 | 2,702 | 1,414 |
| 1.80V/cell | 93,70 | 70,33 | 62,50 | 43,45 | 27,74 | 17,32 | 9,926 | 6,986 | 4,774 | 3,150 | 2,660 | 1,358 |

Constant Wattage Discharge Characteristics (W), (25°C)

| | | | | | | | | | | | | |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V/cell | 196,9 | 153,5 | 140,5 | 98,21 | 59,75 | 36,10 | 20,34 | 14,60 | 9,854 | 6,524 | 5,591 | 2,996 |
| 1.67V/cell | 191,4 | 149,8 | 135,0 | 95,00 | 59,20 | 35,80 | 20,22 | 14,50 | 9,781 | 6,474 | 5,539 | 2,959 |
| 1.70V/cell | 188,6 | 146,0 | 131,5 | 91,93 | 58,58 | 35,44 | 20,10 | 14,26 | 9,717 | 6,429 | 5,460 | 2,894 |
| 1.75V/cell | 182,7 | 140,2 | 127,2 | 88,78 | 56,91 | 35,02 | 19,95 | 14,13 | 9,652 | 6,379 | 5,409 | 2,840 |
| 1.80V/cell | 176,5 | 134,8 | 121,4 | 85,09 | 54,55 | 34,55 | 19,80 | 13,97 | 9,548 | 6,300 | 5,324 | 2,727 |