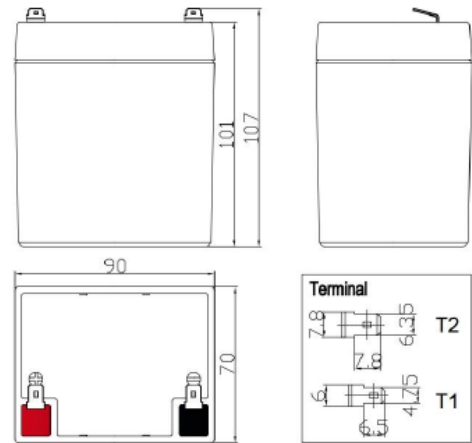
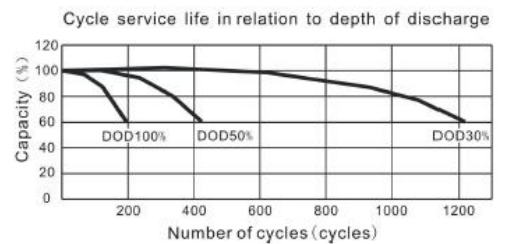
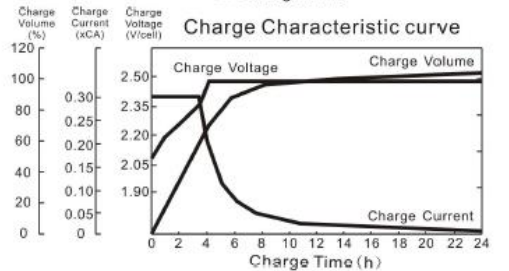
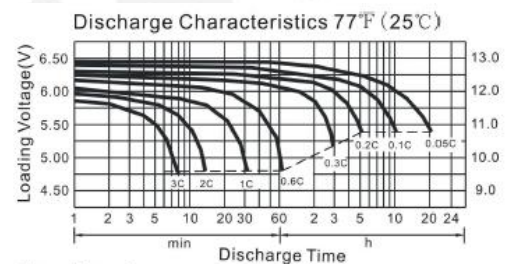


PQ1204ST1 (12V 4Ah)



| Specifications | | PQ1204ST1 |
|----------------------------------|--------------|-------------|
| Nominal Voltage | | 12V |
| Rated Capacity 77°F(25°C) (20HR) | | 4.0Ah |
| Dimensions (mm) | Length | 90 (3.54) |
| | Width | 70 (2.76) |
| | Height | 101 (3.98) |
| | Total Height | 107 (4.21) |
| Approx. Weight (kg) | | 1.23 (2.71) |
| Terminal | | T1/T2 |

| Characteristic | | |
|--|----------------------|---|
| Capacity 77°F(25°C) | 20HR (0.200A) | 4.0Ah |
| | 10HR (0.372A) | 3.72Ah |
| | 5HR (0.680A) | 3.40Ah |
| | 1HR (2.440A) | 2.44Ah |
| | 15 min rate (7.40A) | 1.85Ah |
| Internal Resistance | Full Charged Battery | Approx. 55mΩ |
| | 77°F(25°C) | |
| Temperature dependence of capacity (20HR) | 104°F(40°C) | 102% |
| | 77°F(25°C) | 100% |
| | 32°F(0°C) | 85% |
| | 5°F(-15°C) | 65% |
| Self-Discharge 68°F(20°C) (Capacity after) | 3 months | 90% |
| | 6 months | 80% |
| | 12 months | 60% |
| Max. Discharge Current, 77°F(25°C) | | 60A(5s) |
| Floating design life, 77°F(20°C) | | 5 years |
| Constant Voltage Charge, 77°F(25°C) | Cycle | 14.5~14.9V(-24mV/°C) max. current: 1.2 A |
| | Float | 13.6~13.8V(-18mV/°C) |



| Constant Current Discharge Characteristics (A), 77°F(25°C) | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|
| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H |
| 1.60V/cell | 15.20 | 9.60 | 7.40 | 4.00 | 2.53 | 1.43 | 1.05 | 0.704 | 0.468 | 0.384 | 0.206 |
| 1.70V/cell | 14.49 | 9.12 | 7.07 | 3.83 | 2.44 | 1.37 | 1.02 | 0.692 | 0.464 | 0.380 | 0.204 |
| 1.75V/cell | 14.15 | 8.92 | 6.94 | 3.75 | 2.40 | 1.35 | 1.00 | 0.680 | 0.456 | 0.372 | 0.202 |
| 1.80V/cell | 13.90 | 8.72 | 6.82 | 3.67 | 2.36 | 1.33 | 0.99 | 0.668 | 0.452 | 0.368 | 0.200 |

| Constant Wattage Discharge Characteristics (Watt), 77°F(25°C) | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|
| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H |
| 1.60V/cell | 27.60 | 17.60 | 13.69 | 7.47 | 4.77 | 2.71 | 2.00 | 1.360 | 0.916 | 0.756 | 0.408 |
| 1.70V/cell | 26.50 | 16.88 | 13.19 | 7.20 | 4.64 | 2.63 | 1.97 | 1.348 | 0.912 | 0.752 | 0.404 |
| 1.75V/cell | 26.20 | 16.64 | 13.07 | 7.11 | 4.59 | 2.61 | 1.95 | 1.336 | 0.904 | 0.744 | 0.402 |
| 1.80V/cell | 25.90 | 16.44 | 12.95 | 7.04 | 4.56 | 2.58 | 1.94 | 1.324 | 0.896 | 0.736 | 0.400 |