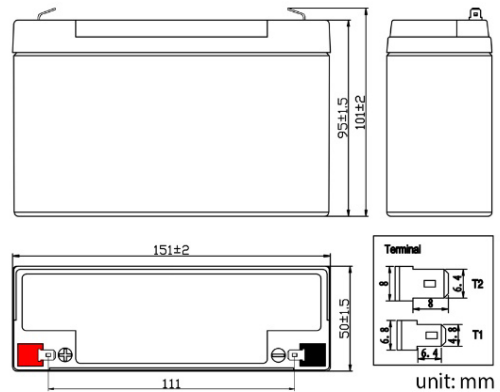


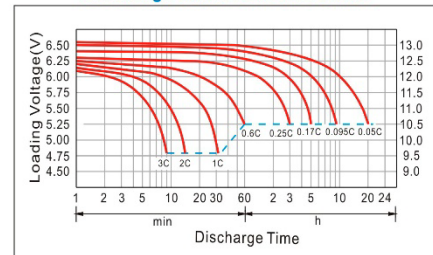
PQ0610S T1-T2 (6V 10Ah)



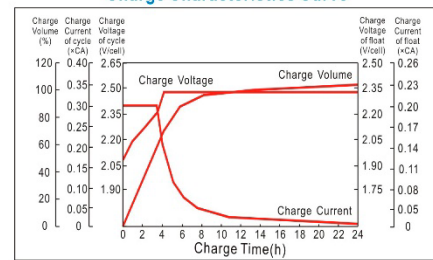
| Specifications | | PQ0610S T1-T2 |
|------------------------------|--------------|---------------|
| Nominal Voltage | | 6V |
| Rated Capacity (25°C) (20HR) | | 10.0Ah |
| Dimensions (mm) | Length | 151 |
| | Width | 50 |
| | Height | 95 |
| | Total Height | 101 |
| Approx. Weight (kg) | | 1.5 |
| Terminal | | T1-T2 |

| Characteristics | | |
|--|------------------------------|--|
| Capacity (25°C) | 20HR (0.505A) | 10.1Ah |
| | 10HR (0.965A) | 9.65Ah |
| | 5HR (1.725A) | 8.62Ah |
| | 1HR (6.500A) | 6.50Ah |
| | 15 min rate (19.25A) | 4.81Ah |
| Impedance | Fully charged battery (25°C) | Approx. 12mΩ |
| Temperature dependence of capacity (20HR) | 104° | 107% |
| | 77° | 100% |
| | 32° | 76% |
| | 5° | 56% |
| Self-discharge (20°C) (remaining capacity) | 3 months | 90% |
| | 6 months | 80% |
| | 12 months | 60% |
| Max. discharge current (25°C) | | 150A(5s) |
| Service life acc. to EUROBAT (25°C) | | 3-5 years |
| Constant voltage charge (25°C) | Cycle | 7.25~9.45V(-12mV/°C) max. current: 3A |
| | Float | 6.8~6.9V(-9mV/°C) |

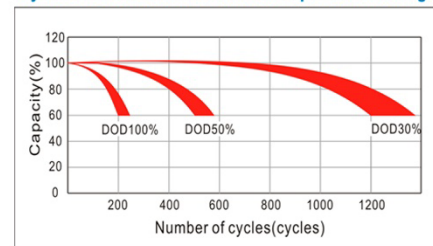
Discharge Characteristics Curve



Charge Characteristics Curve



Cycle service life in relation to depth of discharge



| Constant Current Discharge Characteristics (A), (25°C) | | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H | |
| 1.60V/cell | 39,45 | 25,85 | 19,25 | 10,25 | 6,500 | 3,662 | 2,615 | 1,764 | 1,168 | 1,000 | 0,535 | |
| 1.70V/cell | 35,80 | 23,95 | 18,15 | 9,950 | 6,355 | 3,605 | 2,550 | 1,738 | 1,150 | 0,975 | 0,516 | |
| 1.75V/cell | 32,15 | 22,45 | 17,15 | 9,650 | 6,275 | 3,575 | 2,525 | 1,725 | 1,140 | 0,965 | 0,505 | |
| 1.80V/cell | 28,85 | 21,00 | 16,15 | 9,350 | 6,185 | 3,545 | 2,495 | 1,705 | 1,125 | 0,950 | 0,485 | |

| Constant Wattage Discharge Characteristics (W/cell), (25°C) | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H | |
| 1.60V/cell | 71,34 | 47,18 | 35,45 | 19,56 | 12,89 | 7,263 | 5,213 | 3,519 | 2,330 | 1,997 | 1,070 | |
| 1.70V/cell | 65,93 | 44,51 | 34,03 | 19,15 | 12,66 | 7,180 | 5,092 | 3,470 | 2,296 | 1,950 | 1,034 | |
| 1.75V/cell | 60,01 | 42,47 | 32,44 | 18,74 | 12,51 | 7,126 | 5,046 | 3,447 | 2,278 | 1,932 | 1,014 | |
| 1.80V/cell | 54,33 | 40,08 | 30,82 | 18,31 | 12,34 | 7,072 | 4,990 | 3,410 | 2,250 | 1,902 | 0,974 | |