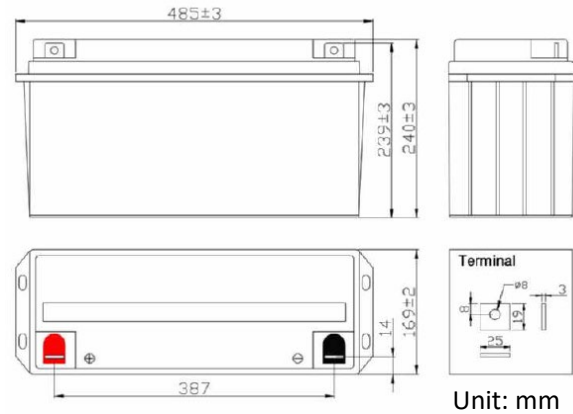
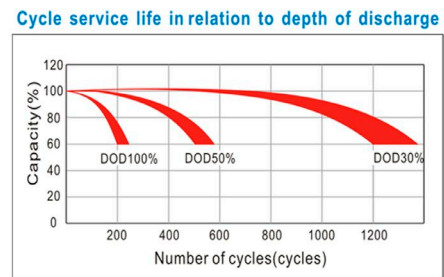
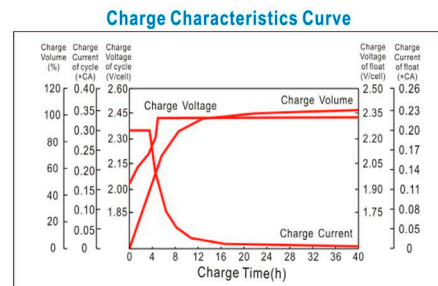
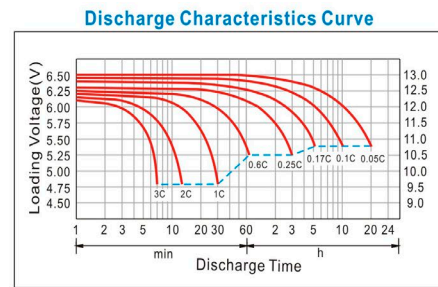


# PQ12150XT9 (12V 150Ah)



| Specifications      |              | PQ12150XT9-B |
|---------------------|--------------|--------------|
| Nominal Voltage     |              | 12V          |
| Rated Capacity      |              | 150Ah        |
| Dimensions (mm)     | Length       | 485          |
|                     | Width        | 169          |
|                     | Height       | 240          |
|                     | Total Height | 240          |
| Approx. Weight (kg) |              | 40.5         |
| Terminal            |              | T9-B         |

| Characteristics                            |                       |   |
|--|-----------------------|---|
| Capacity 25°C                              | 20HR (8.040A)         | 160.8Ah                                     |
|  | 10HR (15.15A)         | 151.5Ah                                     |
|  | 5HR (25.94A)          | 129.7Ah                                     |
|  | 1HR (94.95A)          | 94.9Ah                                      |
|  | 15 min rate (262.5A)  | 65.6Ah                                      |
| Impedance                                  | Fully charged battery | Approx.                                     |
|  | 25°C                  | 4.0mΩ                                       |
| Temperature dependence of capacity (20HR)  | 40°C                  | 107%  |
|  | 25°C                  | 100%  |
|  | 0°C                   | 76%   |
|  | -15°C                 | 56%   |
| Self-discharge (20°C) (remaining capacity) | 3 months              | 90%   |
|  | 6 months              | 80%   |
|  | 12 months             | 60%   |
| Max. discharge current (25°C)              |                       | 1200A(5s)                                   |
| Service life acc. to EUROBAT (25°C)        |                       | 6-9 years                                   |
| Constant voltage charge (25°C)             | Cycle                 | 14.4~14.7V(-24mV/°C)<br>max. current: 0.3CA |
|  | Float                 | 13.5~13.8V(-18mV/°C)<br>max. current: 0.2CA |



| Constant Current Discharge Characteristics (A), (25°C) |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| F.V/TIME   | 5min  | 10min | 15min | 30min | 60min | 2H    | 3H    | 5H    | 8H    | 10H   | 20H   |
| 1.60V/cell   | 502,5 | 322,5 | 262,5 | 168,8 | 97,50 | 58,28 | 40,32 | 27,05 | 18,63 | 15,75 | 8,640 |
| 1.70V/cell   | 442,5 | 292,5 | 251,3 | 164,3 | 96,15 | 57,53 | 39,83 | 26,73 | 18,33 | 15,45 | 8,340 |
| 1.75V/cell   | 397,5 | 270,0 | 237,8 | 159,8 | 94,95 | 56,78 | 39,38 | 26,33 | 18,15 | 15,30 | 8,190 |
| 1.80V/cell   | 345,0 | 244,5 | 222,8 | 153,6 | 93,00 | 56,00 | 38,63 | 25,94 | 17,88 | 15,15 | 8,040 |

| 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  | 866,8 | 575,1 | 476,9 | 315,0 | 186,9 | 113,6 | 79,97 | 53,77 | 37,07 | 31,37 | 17,27 |
| 1.70V/cell  | 781,8 | 531,4 | 462,7 | 309,3 | 185,1 | 112,7 | 79,19 | 53,28 | 36,57 | 30,85 | 16,68 |
| 1.75V/cell  | 712,2 | 497,3 | 441,8 | 303,5 | 183,6 | 111,7 | 78,49 | 52,61 | 36,30 | 30,60 | 16,38 |
| 1.80V/cell  | 626,8 | 456,4 | 417,7 | 294,4 | 180,6 | 111,1 | 77,19 | 51,87 | 35,76 | 30,30 | 16,08 |