

**Powerfit™**

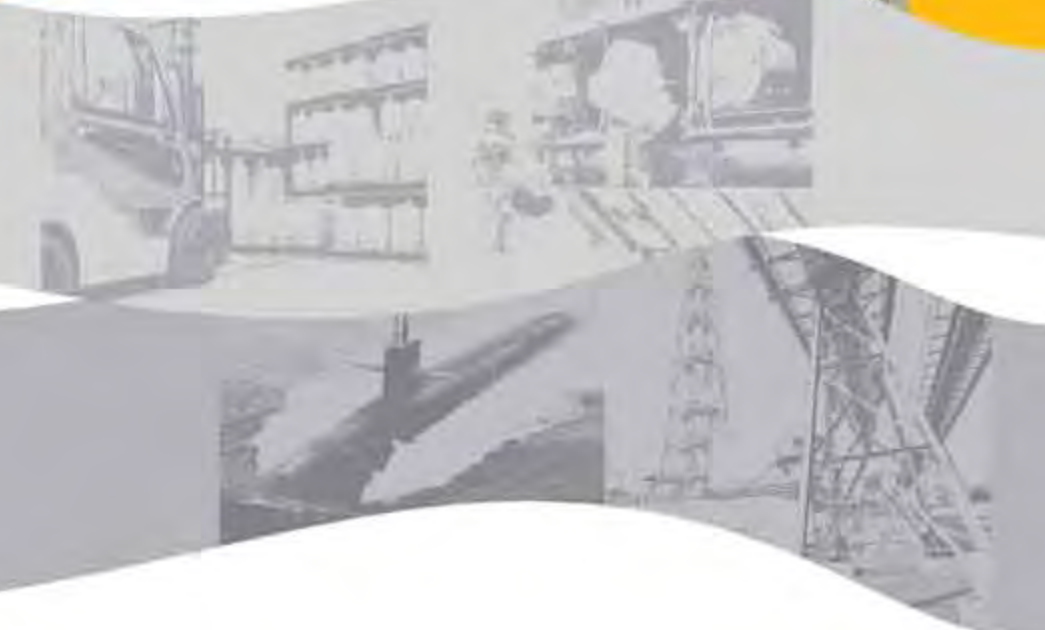
The Powerfit™ valve regulated maintenance-free lead acid storage battery adopts advanced AGM technology for design and production, and is widely applied to an array of fields including telecom, electricity, rail transit and its auxiliary system, UPS system, emergency lighting system, and renewable energy, etc.

**Powerfit™**

Industrial Battery – Network Power

# Powerfit JTT series

High-power AGM storage battery



**GNB**  
INDUSTRIAL POWER

GNB® INDUSTRIAL POWER

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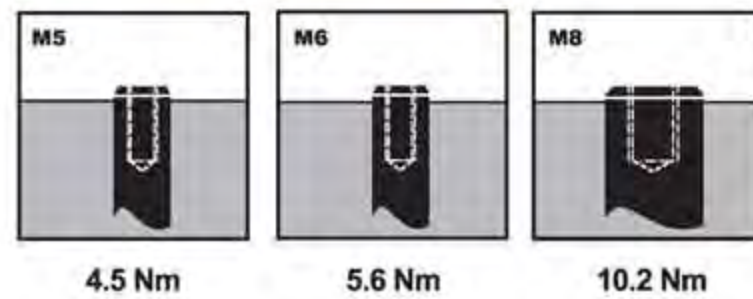


Technical characteristics

| Model      | Nominal voltage (V) | Nominal capacity                     |   | Max. Dimension (mm) |             |             | Weight (Kg) (approximate) | Internal resistance 5s (A) | Terminal |
|------------|---------------------|--------------------------------------|---|---------------------|-------------|-------------|---------------------------|----------------------------|----------|
|            |                     | C <sub>10</sub> (25°C, 1.80Vpc) (Ah) | P <sub>15</sub> (25°C, 1.60Vpc) (W/block) | Length (l)          | Width (b/w) | Height (h)* |                           |                            |          |
| JTT12V410  | 12                  | 16.1                                 | 408                                       | 181                 | 76          | 166         | 6.15                      | 255                        | M5       |
| JTT12V620  | 12                  | 24.3                                 | 624                                       | 166                 | 175         | 125         | 9.40                      | 390                        | M5       |
| JTT12V790  | 12                  | 30.9                                 | 792                                       | 210                 | 129         | 179         | 11.3                      | 495                        | M6       |
| JTT12V960  | 12                  | 37.4                                 | 960                                       | 197                 | 165         | 171         | 14.3                      | 600                        | M6       |
| JTT12V1560 | 12                  | 60.8                                 | 1513                                      | 350                 | 166         | 174         | 22.4                      | 650                        | M6       |
| JTT12V2110 | 12                  | 84.2                                 | 2110                                      | 329                 | 172         | 221         | 30.8                      | 900                        | M6       |
| JTT12V2320 | 12                  | 93.6                                 | 2320                                      | 329                 | 172         | 221         | 32.7                      | 1000                       | M6       |
| JTT12V2640 | 12                  | 112                                  | 2640                                      | 407                 | 173         | 239         | 39.5                      | 1200                       | M6       |
| JTT12V3300 | 12                  | 150                                  | 3300                                      | 483                 | 171         | 240         | 51.2                      | 1600                       | M8       |
| JTT12V4190 | 12                  | 190                                  | 4190                                      | 522                 | 202         | 221         | 61.5                      | 2000                       | M8       |
| JTT12V4800 | 12                  | 215                                  | 4800                                      | 522                 | 240         | 221         | 72.5                      | 2300                       | M8       |

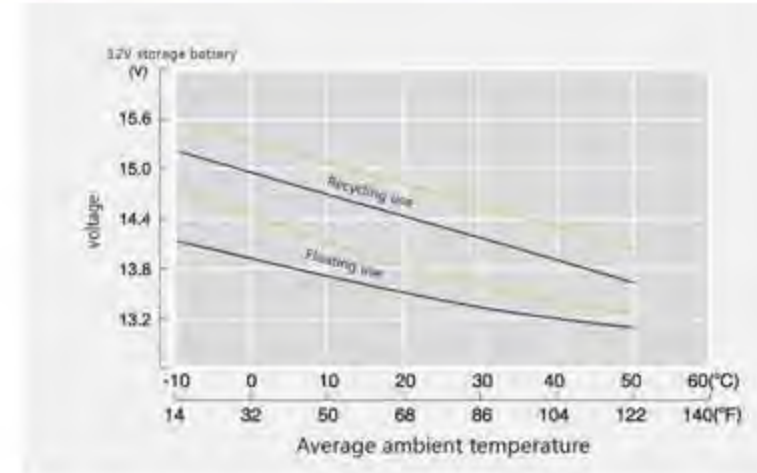
\*Total height is determined by connectors and screws

Battery container, certifications, terminal, and torque



UL94-V0 can be provided if required  
Battery container: UL 94-HB=ABS  
Certifications: Underwriters Laboratories(UL), USA  
TLC, China

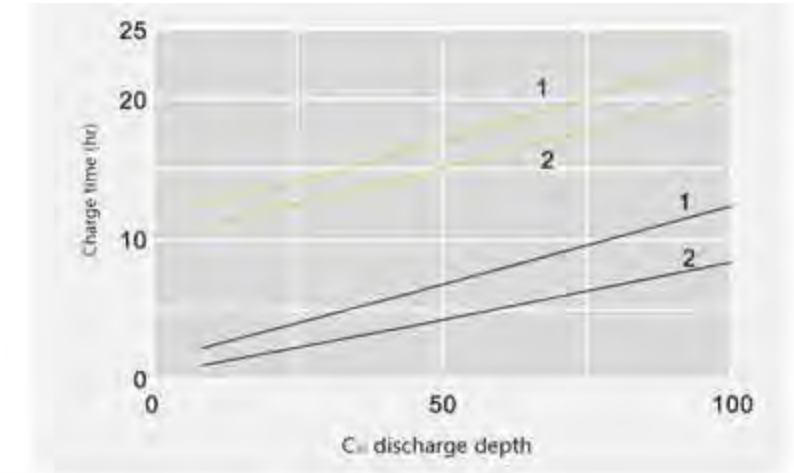
Curve graph of storage battery performance



--- Max. allowed voltage during charging

— Min. allowed voltage during charging

The recommended charge voltage is 2.27Vpc at the temperature of 25°C. The charge voltage must be compensated based on different ambient temperature of storage batteries according to the curve.



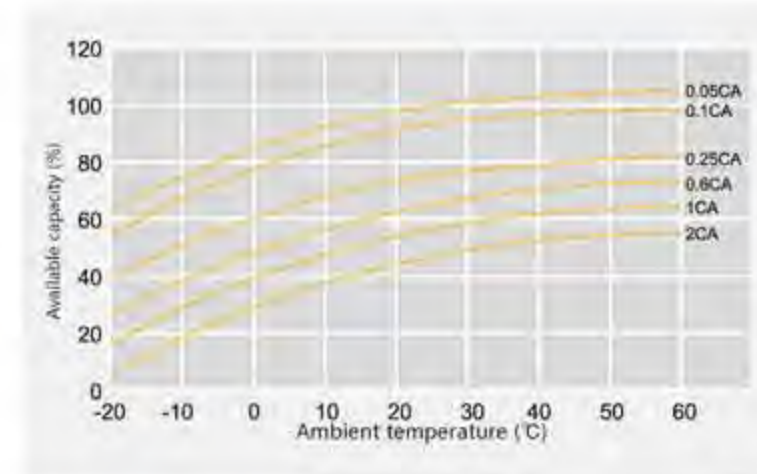
1:0.1 C<sub>10</sub>

2:0.2 C<sub>10</sub>

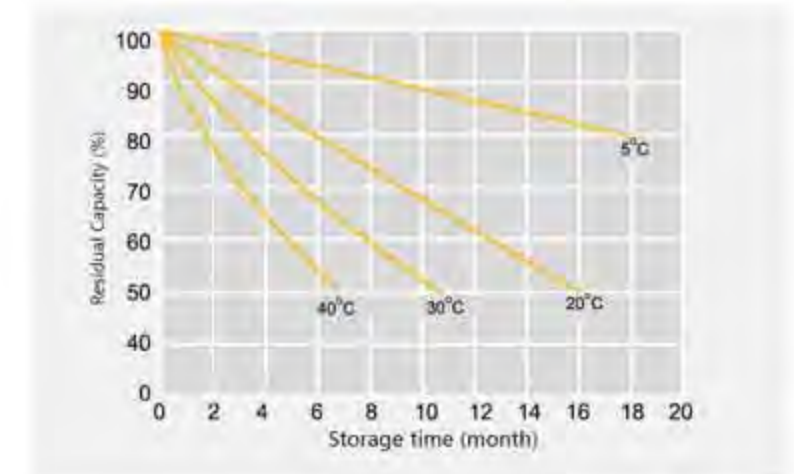
--- Charge to 100% status

— Charge to 90% status

Curve of relations between charging time and initial charge current  
(The charge voltage is 2.27Vpc at the temperature of 25°C)



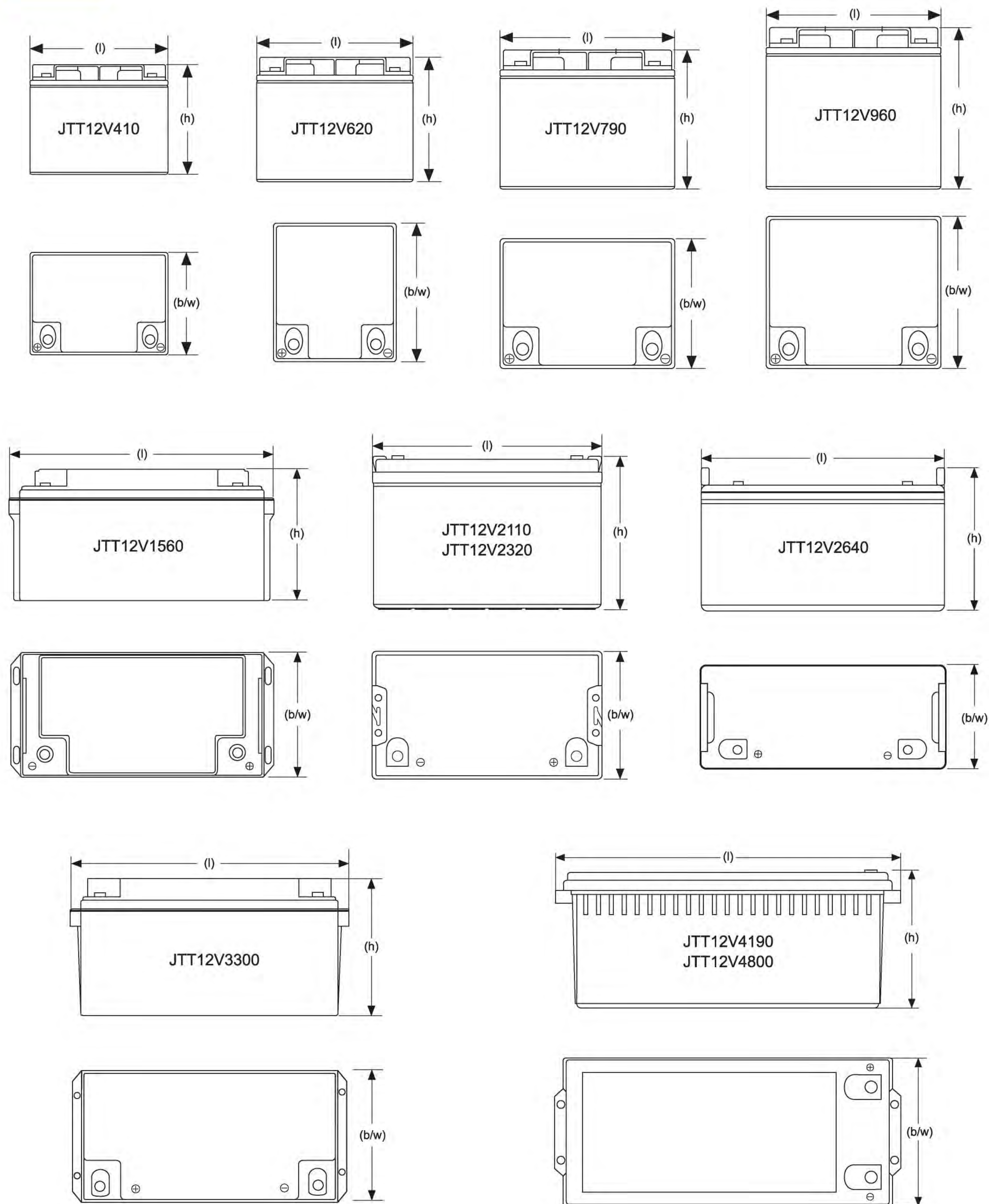
Available Capacity vs. Temperature



Self Discharging Rate vs. Temperature



**Dimension**



Constant current discharge

| 1.90Vpc-discharge @25°C(A) |       |        |        |        |       |      |      |      |       |
|----------------------------|-------|--------|--------|--------|-------|------|------|------|-------|
| Model                      | 5 min | 10 min | 15 min | 30 min | 1 hr  | 3 hr | 5 hr | 8 hr | 10 hr |
| JTT12V410                  | 39.8  | 31.1   | 25.5   | 15.4   | 9.1   | 3.8  | 2.6  | 1.8  | 1.5   |
| JTT12V620                  | 60.9  | 47.5   | 39.0   | 23.5   | 13.9  | 5.8  | 4.0  | 2.7  | 2.2   |
| JTT12V790                  | 77.3  | 57.3   | 49.6   | 29.9   | 17.7  | 7.3  | 5.1  | 3.4  | 2.9   |
| JTT12V960                  | 93.7  | 73.1   | 60.1   | 36.2   | 21.4  | 8.9  | 6.2  | 4.2  | 3.5   |
| JTT12V1560                 | 127.6 | 109.9  | 94.7   | 58.8   | 37.4  | 15.5 | 10.8 | 7.3  | 6.0   |
| JTT12V2110                 | 187.9 | 152.2  | 132.1  | 81.5   | 48.1  | 19.9 | 13.9 | 9.4  | 7.8   |
| JTT12V2320                 | 206.5 | 167.3  | 145.2  | 89.6   | 52.9  | 21.9 | 15.3 | 10.3 | 8.5   |
| JTT12V2640                 | 226.0 | 186.7  | 165.2  | 108.6  | 64.2  | 26.6 | 18.5 | 12.5 | 10.4  |
| JTT12V3300                 | 261.0 | 222.5  | 198.9  | 142.3  | 84.8  | 35.4 | 24.7 | 16.6 | 13.8  |
| JTT12V4190                 | 302.6 | 282.6  | 252.5  | 177.9  | 106.0 | 44.3 | 30.9 | 20.8 | 17.2  |
| JTT12V4800                 | 348.0 | 325.0  | 290.4  | 204.6  | 121.9 | 50.9 | 35.5 | 23.9 | 19.8  |

| 1.85Vpc-discharge @25°C(A) |       |        |        |        |       |      |      |      |       |
|----------------------------|-------|--------|--------|--------|-------|------|------|------|-------|
| Model                      | 5 min | 10 min | 15 min | 30 min | 1 hr  | 3 hr | 5 hr | 8 hr | 10 hr |
| JTT12V410                  | 49.0  | 35.8   | 29.0   | 17.1   | 9.9   | 4.0  | 2.8  | 1.9  | 1.6   |
| JTT12V620                  | 74.9  | 54.8   | 44.3   | 26.2   | 15.1  | 6.1  | 4.3  | 2.9  | 2.4   |
| JTT12V790                  | 95.0  | 66.1   | 56.3   | 33.2   | 19.2  | 7.8  | 5.4  | 3.6  | 3.0   |
| JTT12V960                  | 115.2 | 84.3   | 68.2   | 40.2   | 23.2  | 9.4  | 6.5  | 4.4  | 3.7   |
| JTT12V1560                 | 162.2 | 129.4  | 107.5  | 65.4   | 40.7  | 16.5 | 11.4 | 7.7  | 6.4   |
| JTT12V2110                 | 235.1 | 179.2  | 150.1  | 90.5   | 52.3  | 21.2 | 14.7 | 9.9  | 8.2   |
| JTT12V2320                 | 258.3 | 196.9  | 164.9  | 99.5   | 57.5  | 23.3 | 16.2 | 10.9 | 9.0   |
| JTT12V2640                 | 282.7 | 219.8  | 187.6  | 120.7  | 69.7  | 28.3 | 19.6 | 13.2 | 10.9  |
| JTT12V3300                 | 334.7 | 264.5  | 228.3  | 159.8  | 92.2  | 37.7 | 26.1 | 17.6 | 14.6  |
| JTT12V4190                 | 388.1 | 335.8  | 289.9  | 199.7  | 115.2 | 47.1 | 32.7 | 22.0 | 18.3  |
| JTT12V4800                 | 446.3 | 386.2  | 333.3  | 229.6  | 132.5 | 54.2 | 37.6 | 25.3 | 21.0  |

| 1.80Vpc-discharge @25°C(A) |       |        |        |        |       |      |      |      |       |
|----------------------------|-------|--------|--------|--------|-------|------|------|------|-------|
| Model                      | 5 min | 10 min | 15 min | 30 min | 1 hr  | 3 hr | 5 hr | 8 hr | 10 hr |
| JTT12V410                  | 55.4  | 39.8   | 31.5   | 18.3   | 10.4  | 4.1  | 2.9  | 1.9  | 1.6   |
| JTT12V620                  | 84.7  | 60.9   | 48.2   | 28.0   | 15.9  | 6.3  | 4.4  | 2.9  | 2.4   |
| JTT12V790                  | 107.5 | 77.3   | 61.2   | 35.5   | 20.2  | 8.0  | 5.5  | 3.7  | 3.1   |
| JTT12V960                  | 130.3 | 93.7   | 74.2   | 43.0   | 24.5  | 9.7  | 6.7  | 4.5  | 3.7   |
| JTT12V1560                 | 190.5 | 146.2  | 116.9  | 69.9   | 42.8  | 17.0 | 11.7 | 7.9  | 6.6   |
| JTT12V2110                 | 276.2 | 202.4  | 163.2  | 96.8   | 55.0  | 21.9 | 15.1 | 10.2 | 8.4   |
| JTT12V2320                 | 303.6 | 222.5  | 179.4  | 106.4  | 60.5  | 24.0 | 16.6 | 11.2 | 9.3   |
| JTT12V2640                 | 332.2 | 248.4  | 204.0  | 129.1  | 73.4  | 29.2 | 20.1 | 13.5 | 11.2  |
| JTT12V3300                 | 415.3 | 310.4  | 255.0  | 172.0  | 97.9  | 38.9 | 26.8 | 18.1 | 15.0  |
| JTT12V4190                 | 481.5 | 394.2  | 323.8  | 215.0  | 122.3 | 48.6 | 33.5 | 22.6 | 18.7  |
| JTT12V4800                 | 553.8 | 453.3  | 372.4  | 247.3  | 140.7 | 55.9 | 38.5 | 25.9 | 21.5  |



Constant current discharge

| 1.75Vpc-discharge @25°C(A) |       |        |        |        |       |      |      |      |       |
|----------------------------|-------|--------|--------|--------|-------|------|------|------|-------|
| Model                      | 5 min | 10 min | 15 min | 30 min | 1 hr  | 3 hr | 5 hr | 8 hr | 10 hr |
| JTT12V410                  | 65.3  | 43.2   | 33.0   | 19.0   | 10.7  | 4.2  | 2.9  | 2.0  | 1.6   |
| JTT12V620                  | 99.8  | 66.0   | 50.4   | 29.0   | 16.4  | 6.4  | 4.4  | 3.0  | 2.5   |
| JTT12V790                  | 126.7 | 83.8   | 64.0   | 36.8   | 20.8  | 8.2  | 5.6  | 3.8  | 3.1   |
| JTT12V960                  | 153.6 | 101.5  | 77.6   | 44.7   | 25.2  | 9.9  | 6.8  | 4.6  | 3.8   |
| JTT12V1560                 | 224.6 | 158.4  | 122.3  | 72.6   | 44.1  | 17.3 | 11.9 | 8.0  | 6.7   |
| JTT12V2110                 | 325.6 | 219.3  | 170.7  | 100.5  | 56.7  | 22.3 | 15.3 | 10.3 | 8.6   |
| JTT12V2320                 | 357.8 | 241.0  | 187.6  | 110.4  | 62.3  | 24.5 | 16.8 | 11.3 | 9.4   |
| JTT12V2640                 | 391.6 | 269.1  | 213.4  | 134.0  | 75.6  | 29.7 | 20.4 | 13.7 | 11.4  |
| JTT12V3300                 | 489.4 | 336.3  | 266.8  | 178.6  | 100.8 | 39.6 | 27.2 | 18.3 | 15.2  |
| JTT12V4190                 | 567.5 | 427.0  | 338.8  | 223.2  | 126.0 | 49.6 | 34.0 | 22.9 | 19.0  |
| JTT12V4800                 | 652.6 | 491.0  | 389.6  | 256.7  | 144.9 | 57.0 | 39.1 | 26.3 | 21.9  |

| 1.60Vpc-discharge @25°C(A) |       |        |        |        |       |      |      |      |       |
|----------------------------|-------|--------|--------|--------|-------|------|------|------|-------|
| Model                      | 5 min | 10 min | 15 min | 30 min | 1 hr  | 3 hr | 5 hr | 8 hr | 10 hr |
| JTT12V410                  | 74.9  | 46.7   | 35.5   | 19.9   | 11.1  | 4.3  | 2.9  | 2.0  | 1.6   |
| JTT12V620                  | 114.5 | 71.4   | 54.3   | 30.4   | 17.0  | 6.6  | 4.5  | 3.0  | 2.5   |
| JTT12V790                  | 145.3 | 90.6   | 68.9   | 38.6   | 21.6  | 8.4  | 5.7  | 3.8  | 3.2   |
| JTT12V960                  | 176.2 | 109.9  | 83.5   | 46.8   | 26.2  | 10.1 | 6.9  | 4.6  | 3.8   |
| JTT12V1560                 | 257.6 | 171.4  | 131.6  | 76.0   | 45.9  | 17.7 | 12.0 | 8.1  | 6.7   |
| JTT12V2110                 | 373.4 | 237.3  | 183.7  | 105.3  | 59.0  | 22.8 | 15.5 | 10.4 | 8.6   |
| JTT12V2320                 | 410.4 | 260.8  | 201.8  | 115.7  | 64.8  | 25.1 | 17.0 | 11.4 | 9.5   |
| JTT12V2640                 | 449.2 | 291.1  | 229.6  | 140.3  | 78.7  | 30.4 | 20.6 | 13.9 | 11.5  |
| JTT12V3300                 | 561.5 | 363.9  | 287.0  | 187.1  | 104.9 | 40.5 | 27.5 | 18.5 | 15.3  |
| JTT12V4190                 | 651.0 | 462.1  | 364.4  | 233.9  | 131.1 | 50.6 | 34.4 | 23.1 | 19.1  |
| JTT12V4800                 | 748.6 | 531.4  | 419.0  | 269.0  | 150.8 | 58.2 | 39.6 | 26.6 | 22.0  |

| 1.70Vpc-discharge @25°C(A) |       |        |        |        |       |      |      |      |       |
|----------------------------|-------|--------|--------|--------|-------|------|------|------|-------|
| Model                      | 5 min | 10 min | 15 min | 30 min | 1 hr  | 3 hr | 5 hr | 8 hr | 10 hr |
| JTT12V410                  | 69.4  | 44.7   | 34.0   | 19.4   | 10.9  | 4.3  | 2.9  | 2.0  | 1.6   |
| JTT12V620                  | 106.1 | 68.4   | 52.0   | 29.7   | 16.7  | 6.5  | 4.4  | 3.0  | 2.5   |
| JTT12V790                  | 134.6 | 86.8   | 66.0   | 37.7   | 21.2  | 8.3  | 5.6  | 3.8  | 3.2   |
| JTT12V960                  | 163.2 | 105.2  | 80.0   | 45.7   | 25.7  | 10.0 | 6.8  | 4.6  | 3.8   |
| JTT12V1560                 | 238.6 | 164.1  | 126.1  | 74.2   | 44.9  | 17.5 | 12.0 | 8.1  | 6.7   |
| JTT12V2110                 | 345.9 | 227.2  | 176.0  | 102.8  | 57.7  | 22.5 | 15.4 | 10.4 | 8.6   |
| JTT12V2320                 | 380.2 | 249.7  | 193.4  | 113.0  | 63.4  | 24.7 | 16.9 | 11.4 | 9.4   |
| JTT12V2640                 | 416.1 | 278.7  | 220.0  | 137.0  | 77.0  | 30.0 | 20.5 | 13.8 | 11.5  |
| JTT12V3300                 | 520.0 | 348.4  | 275.0  | 182.7  | 102.6 | 40.0 | 27.4 | 18.4 | 15.3  |
| JTT12V4190                 | 602.9 | 442.4  | 349.2  | 228.3  | 128.3 | 50.0 | 34.2 | 23.0 | 19.1  |
| JTT12V4800                 | 693.4 | 508.8  | 401.6  | 262.6  | 147.5 | 57.5 | 39.3 | 26.5 | 22.0  |

Constant power discharge

| 1.60Vpc-discharge @ 25°C(W/block) |        |        |        |        |        |       |       |       |       |
|-----------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Model                             | 5 min  | 10 min | 15 min | 30 min | 1 hr   | 3 hr  | 5 hr  | 8 hr  | 10 hr |
| JTT12V410                         | 615.0  | 452.0  | 363.0  | 216.0  | 123.7  | 49.6  | 34.2  | 23.0  | 19.1  |
| JTT12V620                         | 940.0  | 692.0  | 554.6  | 330.0  | 189.2  | 75.8  | 52.3  | 35.2  | 29.2  |
| JTT12V790                         | 1193.1 | 878.3  | 703.9  | 418.8  | 240.2  | 96.2  | 66.3  | 44.7  | 37.1  |
| JTT12V960                         | 1446.2 | 1064.6 | 853.2  | 507.6  | 291.1  | 116.6 | 80.4  | 54.1  | 44.9  |
| JTT12V1560                        | 2115.0 | 1661.0 | 1345.0 | 825.0  | 509.5  | 204.0 | 140.7 | 94.7  | 78.6  |
| JTT12V2110                        | 3066.2 | 2299.4 | 1876.9 | 1141.8 | 655.1  | 262.3 | 180.9 | 121.8 | 101.1 |
| JTT12V2320                        | 3100.2 | 2527.0 | 2062.7 | 1254.8 | 720.0  | 288.3 | 198.8 | 133.9 | 111.1 |
| JTT12V2640                        | 3688.0 | 2821.1 | 2346.2 | 1522.4 | 873.4  | 349.7 | 241.2 | 162.4 | 134.7 |
| JTT12V3300                        | 4526.9 | 3526.4 | 2932.8 | 2029.9 | 1164.6 | 466.3 | 321.6 | 216.5 | 179.7 |
| JTT12V4190                        | 5345.0 | 4478.0 | 3724.0 | 2537.0 | 1456.0 | 582.8 | 402.0 | 270.7 | 224.6 |
| JTT12V4800                        | 6146.7 | 5149.6 | 4282.7 | 2917.9 | 1674.1 | 670.3 | 462.3 | 311.3 | 258.3 |

| 1.65Vpc-discharge @25°C(A) |       |        |        |        |       |      |      |      |       |
|----------------------------|-------|--------|--------|--------|-------|------|------|------|-------|
| Model                      | 5 min | 10 min | 15 min | 30 min | 1 hr  | 3 hr | 5 hr | 8 hr | 10 hr |
| JTT12V410                  | 72.5  | 45.8   | 34.8   | 19.7   | 11.0  | 4.3  | 2.9  | 2.0  | 1.6   |
| JTT12V620                  | 110.8 | 70.0   | 53.2   | 30.1   | 16.9  | 6.6  | 4.5  | 3.0  | 2.5   |
| JTT12V790                  | 140.7 | 88.9   | 67.5   | 38.2   | 21.4  | 8.3  | 5.7  | 3.8  | 3.2   |
| JTT12V960                  | 170.5 | 107.7  | 81.8   | 46.3   | 26.0  | 10.1 | 6.9  | 4.6  | 3.8   |
| JTT12V1560                 | 249.4 | 168.0  | 129.0  | 75.3   | 45.4  | 17.6 | 12.0 | 8.1  | 6.7   |
| JTT12V2110                 | 361.5 | 232.6  | 180.1  | 104.2  | 58.4  | 22.7 | 15.4 | 10.4 | 8.6   |
| JTT12V2320                 | 397.2 | 255.7  | 197.9  | 114.5  | 64.2  | 24.9 | 17.0 | 11.4 | 9.5   |
| JTT12V2640                 | 434.8 | 285.4  | 225.1  | 139.0  | 77.9  | 30.2 | 20.6 | 13.9 | 11.5  |
| JTT12V3300                 | 543.4 | 356.7  | 281.3  | 185.2  | 103.8 | 40.3 | 27.5 | 18.5 | 15.3  |
| JTT12V4190                 | 630.0 | 453.0  | 357.2  | 231.5  | 129.8 | 50.4 | 34.3 | 23.1 | 19.1  |
| JTT12V4800                 | 724.6 | 521.0  | 410.8  | 266.2  | 149.3 | 57.9 | 39.5 | 26.5 | 22.0  |

| 1.75Vpc-discharge @ 25°C(W/block) |        |        |        |        |        |       |       |       |       |
|-----------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Model                             | 5 min  | 10 min | 15 min | 30 min | 1 hr   | 3 hr  | 5 hr  | 8 hr  | 10 hr |
| JTT12V410                         | 711.0  | 490.0  | 379.0  | 224.0  | 127.4  | 50.5  | 34.7  | 23.4  | 19.4  |
| JTT12V620                         | 1088.0 | 749.7  | 580.0  | 342.5  | 194.9  | 77.3  | 53.0  | 35.7  | 29.6  |
| JTT12V790                         | 1381.0 | 951.6  | 736.2  | 434.7  | 247.4  | 98.1  | 67.3  | 45.3  | 37.6  |
| JTT12V960                         | 1673.9 | 1153.4 | 892.4  | 526.9  | 299.9  | 118.9 | 81.6  | 54.9  | 45.6  |
| JTT12V1560                        | 2448.0 | 1799.0 | 1407.0 | 856.0  | 524.7  | 208.1 | 142.8 | 96.2  | 79.8  |
| JTT12V2110                        | 3548.2 | 2490.8 | 1963.6 | 1185.4 | 674.6  | 267.6 | 183.6 | 123.6 | 102.6 |
| JTT12V2320                        | 3587.5 | 2737.4 | 2158.0 | 1302.8 | 741.4  | 294.1 | 201.8 | 135.8 | 112.8 |
| JTT12V2640                        | 4268.0 | 3055.9 | 2454.5 | 1580.5 | 899.5  | 356.7 | 244.8 | 164.8 | 136.8 |
| JTT12V3300                        | 5246.9 | 3819.9 | 3068.1 | 2107.4 | 1199.3 | 475.7 | 326.4 | 219.8 | 182.4 |
| JTT12V4190                        | 6186.0 | 4851.0 | 3896.0 | 2634.0 | 1499.0 | 594.6 | 408.0 | 274.7 | 228.0 |
| JTT12V4800                        | 7113.3 | 5578.2 | 4480.4 | 3029.3 | 1724.0 | 683.8 | 469.2 | 315.9 | 262.2 |



Constant power discharge

| 1 70Vpc-discharge @ 25°C(W/block) |        |        |        |        |        |       |       |       |       |
|-----------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Model                             | 5 min  | 10 min | 15 min | 30 min | 1 hr   | 3 hr  | 5 hr  | 8 hr  | 10 hr |
| JTT12V410                         | 756.0  | 508.0  | 391.0  | 229.0  | 129.7  | 51.0  | 34.9  | 23.5  | 19.5  |
| JTT12V620                         | 1156.0 | 776.7  | 598.0  | 350.3  | 198.4  | 78.0  | 53.3  | 35.9  | 29.8  |
| JTT12V790                         | 1467.3 | 985.8  | 759.0  | 444.7  | 251.8  | 99.0  | 67.7  | 45.6  | 37.8  |
| JTT12V960                         | 1778.5 | 1194.9 | 920.0  | 539.0  | 305.2  | 120.0 | 82.1  | 55.3  | 45.8  |
| JTT12V1560                        | 2601.0 | 1864.0 | 1450.0 | 876.0  | 534.2  | 210.0 | 143.6 | 96.7  | 80.2  |
| JTT12V2110                        | 3770.0 | 2580.9 | 2024.0 | 1212.4 | 686.8  | 270.0 | 184.6 | 124.3 | 103.1 |
| JTT12V2320                        | 3811.8 | 2836.4 | 2224.4 | 1332.4 | 754.8  | 296.7 | 202.9 | 136.6 | 113.3 |
| JTT12V2640                        | 4534.6 | 3166.3 | 2530.0 | 1616.5 | 915.8  | 360.0 | 246.2 | 165.7 | 137.5 |
| JTT12V3300                        | 5574.6 | 3957.9 | 3162.5 | 2155.4 | 1221.0 | 450.0 | 328.2 | 221.0 | 183.3 |
| JTT12V4190                        | 6572.0 | 5026.0 | 4016.0 | 2694.0 | 1526.0 | 600.0 | 410.3 | 276.2 | 229.2 |
| JTT12V4800                        | 7557.0 | 5779.8 | 4618.3 | 3098.3 | 1755.2 | 690.0 | 471.8 | 317.7 | 263.5 |

| 1 85Vpc-discharge @ 25°C(W/block) |        |        |        |        |        |       |       |       |       |
|-----------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Model                             | 5 min  | 10 min | 15 min | 30 min | 1 hr   | 3 hr  | 5 hr  | 8 hr  | 10 hr |
| JTT12V410                         | 790.0  | 520.0  | 400.0  | 232.0  | 131.3  | 51.4  | 35.0  | 23.5  | 19.5  |
| JTT12V620                         | 1208.0 | 795.3  | 611.8  | 355.2  | 200.8  | 78.5  | 53.5  | 36.0  | 29.9  |
| JTT12V790                         | 1533.2 | 1009.4 | 776.5  | 450.9  | 254.9  | 99.7  | 67.9  | 45.7  | 37.9  |
| JTT12V960                         | 1858.4 | 1223.5 | 941.2  | 546.5  | 308.9  | 120.8 | 82.3  | 55.4  | 46.0  |
| JTT12V1560                        | 2718.0 | 1909.0 | 1484.0 | 888.0  | 540.6  | 211.5 | 144.1 | 96.9  | 80.4  |
| JTT12V2110                        | 3939.6 | 2642.7 | 2070.5 | 1229.2 | 695.1  | 271.9 | 185.3 | 124.6 | 103.4 |
| JTT12V2320                        | 3983.3 | 2904.3 | 2275.5 | 1350.9 | 763.9  | 298.8 | 203.6 | 136.9 | 113.6 |
| JTT12V2640                        | 4738.6 | 3242.1 | 2588.2 | 1638.9 | 926.7  | 362.6 | 247.0 | 166.2 | 137.8 |
| JTT12V3300                        | 5825.4 | 4052.6 | 3235.3 | 2185.2 | 1235.7 | 483.4 | 329.4 | 221.5 | 183.8 |
| JTT12V4190                        | 6868.0 | 5146.0 | 4108.0 | 2731.0 | 1545.0 | 604.3 | 411.7 | 276.9 | 229.7 |
| JTT12V4800                        | 7897.7 | 5918.1 | 4724.5 | 3141.1 | 1776.3 | 694.9 | 473.5 | 318.5 | 264.2 |

| 1 80Vpc-discharge @ 25°C(W/block) |        |        |        |        |        |       |       |       |       |
|-----------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Model                             | 5 min  | 10 min | 15 min | 30 min | 1 hr   | 3 hr  | 5 hr  | 8 hr  | 10 hr |
| JTT12V410                         | 816.0  | 530.0  | 408.0  | 235.0  | 132.6  | 51.7  | 35.1  | 23.6  | 19.5  |
| JTT12V620                         | 1248.0 | 811.2  | 624.0  | 358.8  | 202.8  | 79.0  | 53.7  | 36.0  | 29.9  |
| JTT12V790                         | 1584.0 | 1029.6 | 792.0  | 455.4  | 257.4  | 100.3 | 68.1  | 45.7  | 37.9  |
| JTT12V960                         | 1920.0 | 1248.0 | 960.0  | 552.0  | 312.0  | 121.6 | 82.6  | 55.4  | 46.0  |
| JTT12V1560                        | 2808.0 | 1947.0 | 1513.0 | 897.0  | 546.0  | 212.7 | 144.5 | 97.0  | 80.4  |
| JTT12V2110                        | 4070.4 | 2695.7 | 2112.0 | 1242.0 | 702.0  | 273.5 | 185.8 | 124.7 | 103.4 |
| JTT12V2320                        | 4115.5 | 2962.6 | 2321.1 | 1365.0 | 771.5  | 300.6 | 204.2 | 137.0 | 113.6 |
| JTT12V2640                        | 4896.0 | 3307.2 | 2640.0 | 1656.0 | 936.0  | 364.6 | 247.7 | 166.3 | 137.8 |
| JTT12V3300                        | 6018.9 | 4134.0 | 3300.0 | 2208.0 | 1248.0 | 486.2 | 330.3 | 221.8 | 183.8 |
| JTT12V4190                        | 7096.0 | 5250.0 | 4190.0 | 2760.0 | 1560.0 | 607.7 | 412.8 | 277.2 | 229.7 |
| JTT12V4800                        | 8160.0 | 6037.0 | 4819.0 | 3174.0 | 1794.0 | 698.9 | 474.8 | 318.8 | 264.0 |

Notes