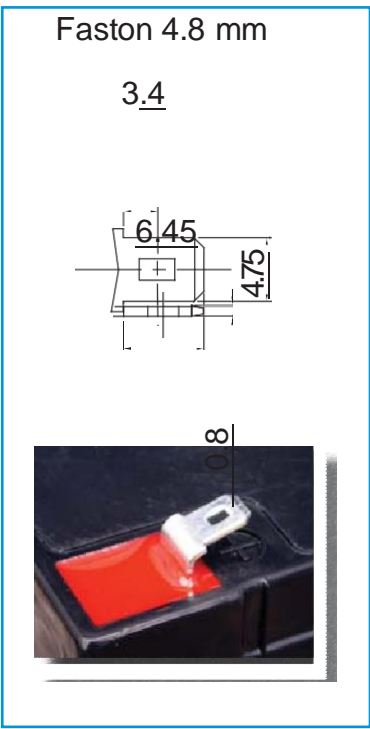
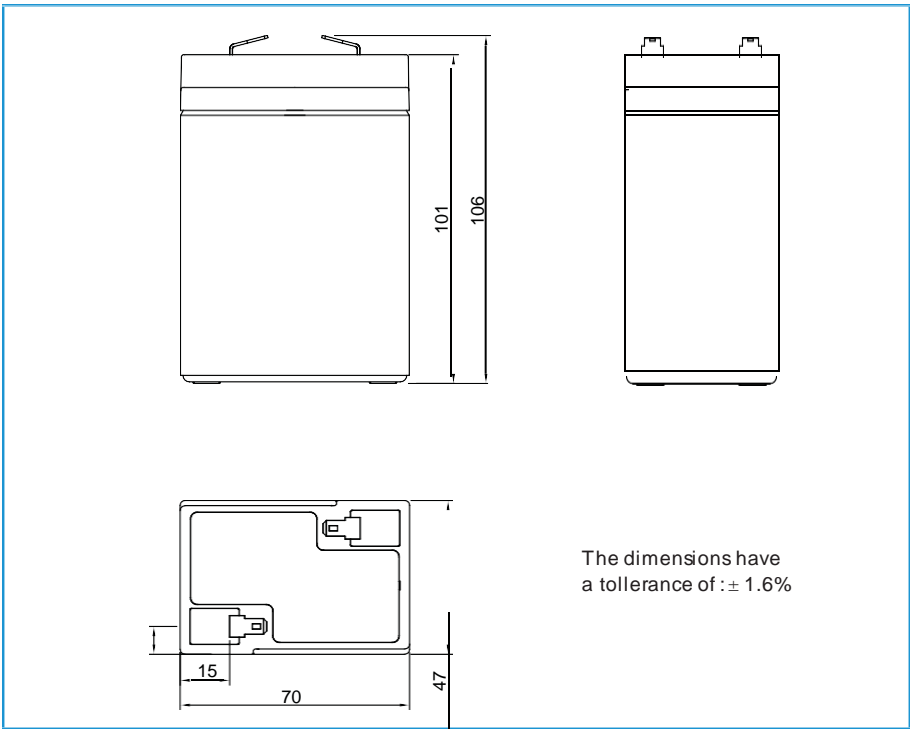


6 Volt
4.5 Ah

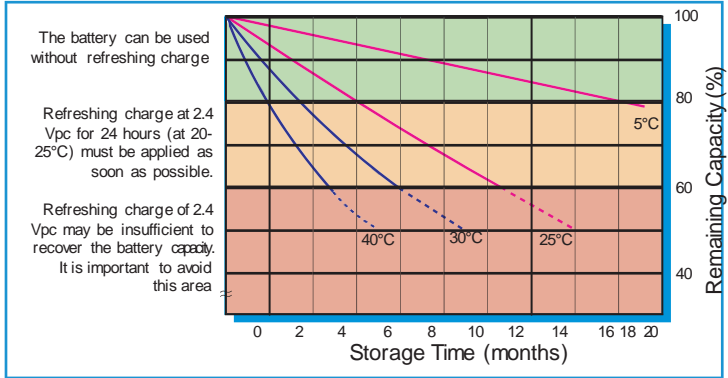


Features

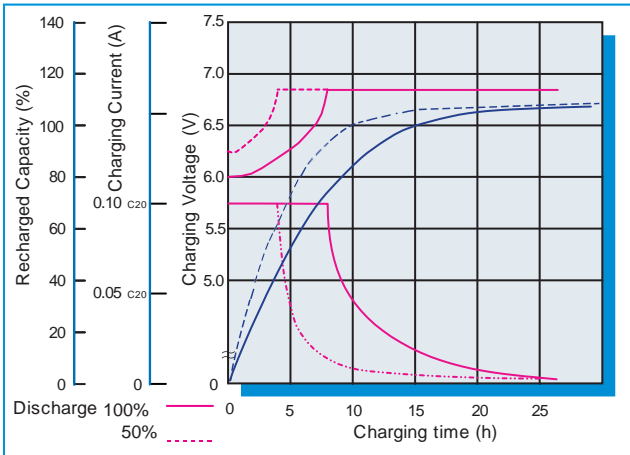
| | |
|-----------------------------|--|
| Nominal Voltage | 6 Volt |
| Nominal Capacity | 4.5 Ah at 20 hours rate to 1.75 Vpc at 25 °C |
| Float charging voltage | 6.75 - 6.90 V/bloc at 25 °C |
| Boost charge voltage | 7.20 - 7.50 V/bloc at 25 °C |
| Float voltage compensation | -18mV/°C |
| Maximum charging current | 1.13 A |
| Case | ABS with HB flammabilityrate (according UL94) |
| Internal resistance | 40 m \wedge in full charged condition |
| Weight | 0.725 kg |
| Dimensions | L x W x H (TH): 70 x 47 x 100 (106) |
| Operative temperature range | -20 °C to 50 °C |
| Storage | As batteries lose part of their capacity, during storage, due to self discharge. Sealed Power recommends range of batteries can be stored for 6 months per storage requires a recharge. This should be carried out in line with HRX Sealed Power recommended method; 2.4 V/cell for no longer than 24 hours at 20 °C |



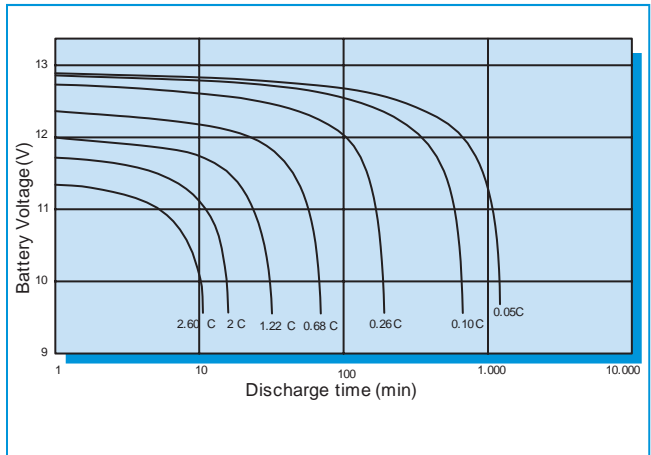
Capacity loss during storage at various temperatures



Battery Voltage and Charge Time for Standby Use (at 25°C)



Discharge curves at different current / final voltage (at 25°C)



Constant Current discharge table (Amperes)

| end voltage | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 hour | 2 hour | 3 hour | 5 hour | 10 hour | 20 hour |
|-------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 4.80 | 14.6 | 10.2 | 7.66 | 6.17 | 4.36 | 3.16 | 2.51 | 1.50 | 1.11 | 0.75 | 0.42 | 0.23 |
| 4.95 | 14.4 | 10.1 | 7.61 | 6.13 | 4.33 | 3.15 | 2.50 | 1.50 | 1.10 | 0.74 | 0.42 | 0.23 |
| 5.01 | 14.2 | 9.99 | 7.53 | 6.07 | 4.31 | 3.14 | 2.49 | 1.49 | 1.10 | 0.74 | 0.42 | 0.23 |
| 5.10 | 13.7 | 9.70 | 7.38 | 5.95 | 4.27 | 3.12 | 2.48 | 1.48 | 1.09 | 0.74 | 0.42 | 0.23 |
| 5.25 | 12.7 | 9.11 | 7.05 | 5.72 | 4.19 | 3.07 | 2.44 | 1.46 | 1.08 | 0.72 | 0.41 | 0.23 |
| 5.40 | 11.8 | 8.53 | 6.64 | 5.40 | 4.01 | 2.88 | 2.30 | 1.34 | 0.99 | 0.68 | 0.39 | 0.22 |

Constant Power discharge table (Watts per bloc)

| end voltage | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 hour | 2 hour | 3 hour | 5 hour | 10 hour | 20 hour |
|-------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 4.80 | 73.3 | 53.2 | 40.6 | 33.1 | 23.8 | 17.6 | 14.1 | 8.57 | 6.38 | 4.33 | 2.45 | 1.36 |
| 4.95 | 72.5 | 52.9 | 40.4 | 33.0 | 23.7 | 17.6 | 14.1 | 8.55 | 6.36 | 4.32 | 2.45 | 1.36 |
| 5.01 | 71.4 | 52.2 | 40.1 | 32.8 | 23.7 | 17.5 | 14.1 | 8.54 | 6.33 | 4.31 | 2.45 | 1.35 |
| 5.10 | 69.0 | 50.7 | 39.3 | 32.2 | 23.5 | 17.4 | 14.0 | 8.51 | 6.30 | 4.29 | 2.44 | 1.35 |
| 5.25 | 64.3 | 47.7 | 37.7 | 31.0 | 23.1 | 17.2 | 13.8 | 8.44 | 6.26 | 4.24 | 2.42 | 1.34 |
| 5.40 | 60.0 | 44.9 | 35.8 | 29.5 | 22.3 | 16.2 | 13.1 | 7.77 | 5.80 | 4.00 | 2.33 | 1.32 |