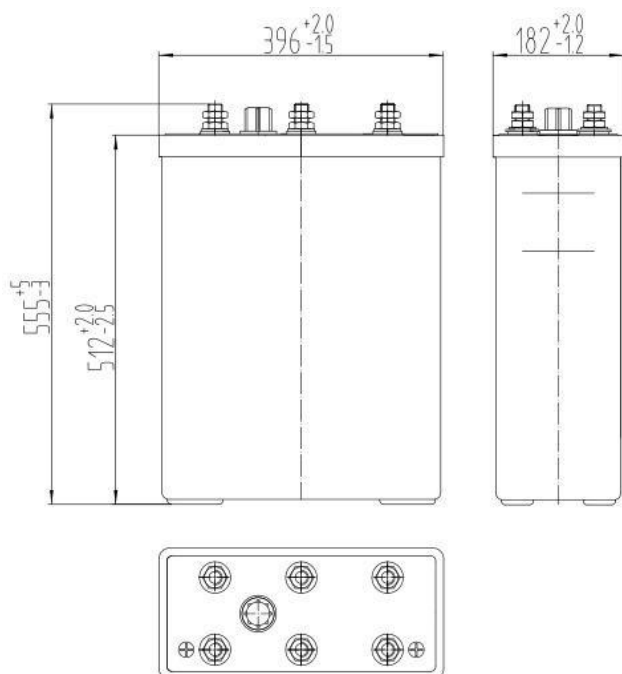


## KPL750 (1.2V, 750Ah)

### Pocket Type Low Rate Ni-Cd Battery

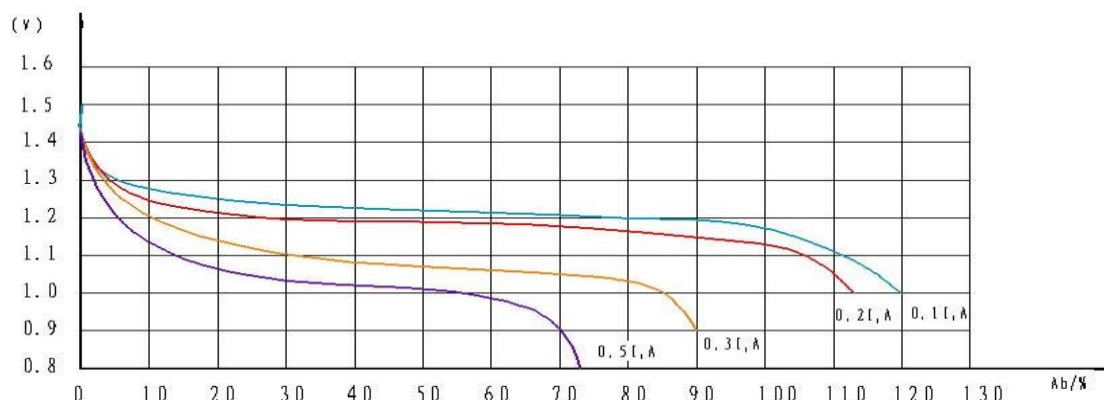
#### Dimensions



#### Specifications

|                                                 |              |                        |
|-------------------------------------------------|--------------|------------------------|
| Nominal Voltage                                 |              | 1.2V                   |
| Capacity(5HR,20°C)                              |              | 750Ah                  |
| Dimension                                       | Length       | 395mm                  |
|                                                 | Width        | 180mm                  |
|                                                 | Total Height | 560mm                  |
| Approx. Weight(filled)                          |              | 57Kg                   |
| Internal resistance<br>(Fully charged, 20°C)    |              | 032*10 <sup>-3</sup> Ω |
| Capacity<br>affected by<br>temperature<br>(5HR) | 20°C         | ≥100%                  |
|                                                 | -18°C        | ≥80%                   |
| Self-discharge<br>(20°C)                        | 28 days      | <20%                   |
| Nominal operating temperature                   |              | 20°C±5°C               |
| Operating temperature range                     |              | -20°C~50°C             |
| Float charging voltage(20°C)                    |              | 1.48 ~1.50V            |
| Charging current                                |              | 150A                   |
| Boost charge (20°C)                             |              | 1.5-1.70V              |
| Terminal material                               |              | Nickel- Clad Steel     |
| Container material                              |              | ABS container          |

### Discharging Characteristics



### Constant Current Discharge Characteristics (A, 20°C)

| F.V/TIME | 8h | 5h  | 3h  | 2h  | 1h  | 30min | 20min | 15min | 10min | 5min | 1min |
|----------|----|-----|-----|-----|-----|-------|-------|-------|-------|------|------|
| 1.0V     | 95 | 150 | 233 | 315 | 488 | 600   | 638   | 675   | 750   | 825  | 915  |
| 1.05V    | 94 | 146 | 210 | 300 | 450 | 488   | 525   | 600   | 638   | 750  | 900  |
| 1.1V     | 92 | 143 | 203 | 263 | 345 | 413   | 450   | 488   | 525   | 600  | 788  |
| 1.14V    | 89 | 135 | 188 | 210 | 285 | 338   | 375   | 413   | 450   | 488  | 638  |