


Weight Approx. 31.00 Kg ( $\pm 5 \%$ )



Cycle service life in relation to depth of discharge


## 12 V. 100 Ah.



| Characteristics |  |  |  |
| :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Capacity } \\ 25^{\circ} \mathrm{C}\left(77^{\circ} \mathrm{F}\right) \end{gathered}$ |  | 10 hour rate $(10.00 \mathrm{~A})$ <br> 5 hour rate $(16.0 \mathrm{~A})$ <br> 1 hour rate $(55.00 \mathrm{~A})$ | $\left\|\begin{array}{c} 100.0 \mathrm{AH} \\ 80.0 \mathrm{AH} \\ 55.0 \mathrm{AH} \end{array}\right\|$ |
|  |  | 1.5 hour discharge to 10.5 V | 45 A |
| Internal Resistance |  | Full charged battery at $25^{\circ} \mathrm{C}$ $\left(77^{\circ} \mathrm{F}\right)$ | $5.5 \mathrm{~m} \Omega$ |
| Capacity effected by temperature (20 hour rate) |  | $\begin{aligned} & 40^{\circ} \mathrm{C}\left(104^{\circ} \mathrm{F}\right) \\ & 5^{\circ} \mathrm{C}\left(77^{\circ} \mathrm{F}\right) \\ & 0^{\circ} \mathrm{C}\left(32^{\circ} \mathrm{F}\right) \\ &-15^{\circ} \mathrm{C}\left(5^{\circ} \mathrm{F}\right) \end{aligned}$ | $\begin{gathered} 102 \% \\ 100 \% \\ 85 \% \\ 65 \% \end{gathered}$ |
| Self-discharge at$25^{\circ} \mathrm{C}\left(77^{\circ} \mathrm{F}\right)$ |  | Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage | $\begin{aligned} & 91 \% \\ & 82 \% \\ & 64 \% \end{aligned}$ |
| Charge (constant voltage) | Cycle | Initial charging currentless than 26 A Voltage $14.50-14.90 \mathrm{~V}$. |  |
|  | Float | Voltage 13.60-13.80V. |  |

