

Battery Electrolyte Volume Calculation

If uncertain of dose rates and for batteries not listed on the instruction sheet

Batteries should be dosed at 10ml per litre of electrolyte. Battery electrolyte is approximately 60% of total battery volume.

To work out the total volume of a battery measure height x width x depth in millimetres.
- This gives a volume figure in millionths of litres.

For example: If a battery measures 200mm x 200mm x 250mm = 10,000,000 millionths
= 10 - Litres

Electrolyte volume is approximately 60% of total battery volume;
= 10L x 60% = 6 - Litres of electrolyte.

Dose at 10ml of recharge per litre.

- If for example this battery is 12 volt it will have 6 cells
- 6-Litres / 6 cells = 1-Litre per cell so dose at 10ml per cell.