

## Battery Backup Calculation

## Calculating battery backup:

**Step 1:** Determine the power drawn from the batteries in watt.

**Step 2 A:** Determine the watt per block (*If this is the information used by the supplier*)

Compare this figure to the watt tables supplied by the supplier. If the watt per block value is too high then increase the number of battery strings until a suitable figure obtained. The use of more than 4 parallel battery strings is not advisable.

**Step 2 B:** Determine the watt per cell (*If this is the information used by the supplier*)

Compare this figure to the watt tables supplied by the supplier. If the watt per cell value is too high then increase the number of battery strings until a suitable figure obtained. The use of more than 4 parallel battery strings is not advisable.