

[1.11] "Low Battery" indication voltages

The TI89/92+ gives a low-battery voltage indication in the display status line in the lower right corner of the display. There are two levels of low-battery indication. The first level at the highest battery voltage is displayed as "BATT". The second level at a lower voltage is displayed as "BATT" in inverse video (white characters on a black background). This table shows the battery voltages for a HW1 TI-89 and a HW2 TI-92+.

	TI-89 HW1	TI-92+ HW2
First "BATT" indication	4.13V 1.03 V/cell 69% of 6V	4.35 V 1.09 V/cell 73% of 6V
Second "BATT" indication	3.85V 0.96 V/cell 64% of 6V	4.11V 1.03 V/cell 69% of 6V

The percentages shown in the table indicate the percentage of the 'fresh battery' voltage, assuming that each of the four cells is initially at 1.5V. This information may be useful if you are considering powering your calculator with rechargeable NiCd batteries or some other type of rechargeable battery.