

Battery Voltage Update Issue:

Question:

We need information on how the variables Bat1V and Bat2V are updated. These show the battery voltage in percent, but seem to only get an updated value at startup. I have run the ACE for three days and have not received an updated value in the tables. I am able to scan the power supply in the Hardware Test and receive the battery voltage, but it is still not updated in the Application Program. We are not able to scan the variables or this table (Reserved Values).

Motorola Response:

We verified that the Bat1V & Bat2V fields are not updated (scanned) in the ladder "Reserved values" tables.

An immediate bypass is to use use C application to retrieve these values using `MOSCAD_get_power_supply_info()` and look for the value of "battery_charge_level" in the returned structure. Value is in % and range from 0 to 100.

7-1-2007