

# How To Check the M5™ Battery Voltage

This task topic explains how to check the battery voltage on the IPS Group, Inc. M5™ parking meter.

The IPS Group, Inc. SSPM's operate with two batteries. The voltage of each battery can be checked to determine if an individual battery must be recharged or replaced. This procedure outlines how to properly charge the IPS Group, Inc. M5™ SSPM. It is intended for internal use by IPS personnel, or a customer's authorized field technicians.

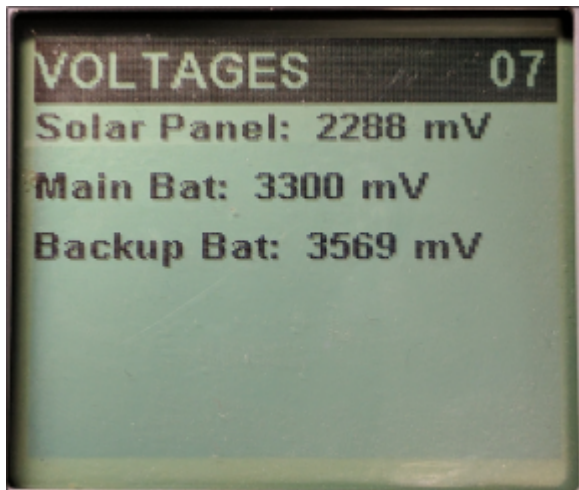
The M5™ SSPM uses two different batteries:

- Rechargeable Main Battery
- Non-rechargeable Backup Battery. (Large external battery.)

## Checking battery voltages

To check the SSPM battery voltages:

1. On the SSPM, quickly insert and remove a Diagnostics card from the EMV card reader to enter *Diagnostics* mode.
2. Press **+ Time** (more time) / **— Time** (less time) to scroll to *Voltages*.



3. Check the voltage of the Non-rechargeable Backup Battery.  
If the Non-rechargeable Backup Battery measures < 3100 mV, replace it with a new battery.
4. Check the voltage of the Rechargeable Main Battery.  
If the Rechargeable Main Battery measures < 3100 mV, click here to view the task topic [How To Charge the M5™ Main Battery](#).
5. If the Non-rechargeable Backup Battery and the Rechargeable Main Battery both measure > 3100 mV, deploy the M5™ SSPM for use, or place it into *Sleep* state for future use.