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## **SONOSITE PX BATTERY CHARGING BEST PRACTICES**

**Problem:** This bulletin contains information on best practices to prolong the life of the batteries installed in Sonosite PX systems. The technology in the batteries is new compared to previous Fujifilm Sonosite systems so care may be slightly different. This information will be added to the system user guide.

**Solution:** The batteries contain technology that requires periodic recharging to maintain optimal performance. The following tips are recommended.

1. Connect the system to AC power when the battery charge is low.
2. Periodically recharge the batteries by plugging the system in.
3. Periodically check to make sure that the battery charges. If the battery fails to charge, contact FUJIFILM Sonosite Technical Support. If left uncharged for an extended period of time, the battery performance could degrade or become non-functional.
4. For long term storage of lithium batteries, contact FUJIFILM Sonosite for additional information. We recommend removing the system batteries from the system when storing it for long periods of time. The system should also be removed from the stand to isolate the stand battery. Charge all batteries periodically to maintain optimal performance. See the table on the next page for system and battery storage limits. Note the storage limits and durations for the batteries in the third column.

Table 1: Storage Limits

Limit type	System (no batteries), transducers, ECG, and stand head/platform	System and stand batteries
Temperature	-35–65°C (-31–149°F)	-20–60°C (-4–140°F) for 1 month -20–45°C (-4–113°F) for 3 months -20–23°C (-4–73°F) for 1 year
Humidity	15–95% R.H.	15–95% R.H.
Atmospheric pressure	500–1060 hPa (0.5–1.05 ATM)	500–1060 hPa (0.5–1.05 ATM)

**Sonosite Technical Support Contact Information**

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