

Cold Weather Ops

Before an event:

- 1) Assure that the 12 Volt batteries are kept fully charged all the time:
 - a. solar charging system – works well; snow comes and goes off the solar panel; do not store where drifts occur; state of charge typ. 13.9 V
 - b. plugging in the trailer to the 120 VAC grid
 - c. batteries are maintenance free AGM; no need to monitor acid level
- 2) Heat the interior of the trailer overnight so that 12 Volt batteries are up to full capacity. Consider using an electric heater inside powered by the generator outside. If using the Northstar Sunburst propane heater:
 - a. Make sure the upper and lower vents of the trailer are clear and free flowing to allow escape of noxious gases.
 - b. Liquefied propane (LP) gas is heavier than air and will escape through the lower vents.
 - c. Carbon monoxide (CO) gas is slightly lighter than air and will perfuse throughout the space, and some will egress through the upper vents.
 - d. NEVER store propane (LP) cylinders in the trailer at any time for any reason. If propane gas escapes, there is a chance of explosion from ignition from the electrical equipment inside the trailer.**
- 3) Propane vessels and hoses should be stored away from the trailer in a WARM space so they will be up to pressure and free flowing.
- 4) When entering the trailer after an overnight of warming using propane, quickly open all trailer doors so noxious gases can escape. Then close all doors immediately to maintain warmth inside.