

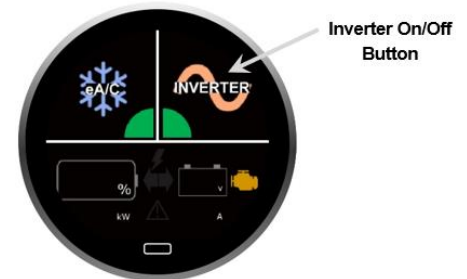
Operating the SmartAPU

- Stop the vehicle and shift to Park/Neutral, then set the Parking Brake.
Turn off the vehicle ignition and allow the engine to stop running.
Turn the ignition key forward to the **ON** position, without starting the engine.
This allows all accessory equipment to operate normally.
- Ensure the Emergency Stop pushbutton is reset on the SmartAPU Control Panel.
To reset the Emergency Stop, TWIST clockwise and ensure the pushbutton returns to the OUT (reset) position.
The Status Indicator will turn Green when the SmartAPU unit is operational.



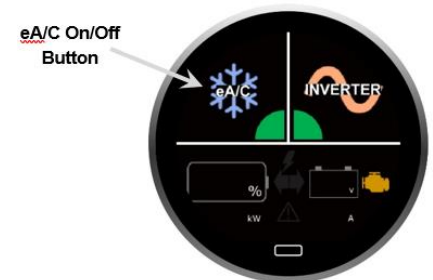
NOTICE: With the Parking Brake set, the vehicle in “Run” without the engine running, and the Emergency Stop reset the SmartAPU will automatically provide 13.6-volt DC export power to the vehicle batteries, and when activated, it provides dedicated 48-volt DC power to the electric air conditioning (eA/C) system. To utilize the 120-Volt vehicle mounted receptacles, you must turn on the SmartAPU Inverter as shown below.

- **To TURN ON the Inverter:** Press and temporarily hold the INVERTER icon on the Touch Encoder to turn on the SmartAPU Inverter. Verify the SmartAPU Inverter is exporting 120VAC power to the 120-volt receptacles.
- **To TURN OFF the Inverter:** Press and temporarily hold the INVERTER icon on the Touch Encoder to turn off the SmartAPU Inverter. Operate the vehicle per normal operating procedures.



NOTICE: The electric air conditioning (eA/C) can be operated independently of the Inverter and does not require the Inverter to be activated to operate.

- **To TURN ON the eA/C Unit:** Press and temporarily hold the eA/C icon on the Touch Encoder to turn on the electric air conditioning unit.
- **To TURN OFF the eA/C Unit:** Press and temporarily hold the eA/C icon on the Touch Encoder to turn off the electric air conditioning unit.



Charging the SmartAPU

- Plug a 15 Amp rated, 120V extension cord into the charge inlet. The SmartAPU Status Indicator Light will blink BLUE and the Touch Encoder will indicate charging. The typical charge time to replenish the SmartAPU batteries when fully discharged will be approximately 5 to 6 hours, based on conditions.



WARNING! Using an improperly rated electrical cord could result in the cord to heat up, melt, or start a fire.



SmartAPU Status Indicator Light

GREEN – SmartAPU is operational
RED – SmartAPU has a fault condition.
YELLOW – SmartAPU detects engine running.

BLUE (Flashing) – SmartAPU actively charging.
BLUE (Solid) – SmartAPU detects the “Charging Requested” signal (Extension cord is plugged into SmartAPU Charge Inlet on vehicle).