



Volta Power Systems

System Operating Instructions

- The Volta system should be off unless using the air conditioning system for the sleeper cab.
- The system will automatically charge from the engine, this is signified by the blinking green push button. **A**
- To turn the system on, press and release the button **A**. Button will be solid green when on.
- After Volta system is started, air conditioner power **D** can be turned on, and fan speed **E** and temperature can be adjusted. **F**
- If the green lights on SOC gauge **B** and push button are too bright, use the dimmer knob **C** to reduce brightness.
- The Volta system will maintain the chassis battery voltage. The 120V plugs in the truck use the chassis battery for that power. To extend the Volta system run time, reduce any nonessential 120V loads.



C
Dimmer Knob
Reduced button
and SOC Intensity

B
SOC gauge
amount of
energy in the
Volta System

A
Push button
system on/off



E **F** **D**

FUNCTION= System function meaning: AC, Fan only, ECO Mode

- = Fan speed
- = Temperature increase
- = Temperature decrease
- = AC system on/off

SOC Gauge



STATE OF CHARGE (SOC) GAUGE

Your Volta System may be equipped with an SOC gauge.

The SOC gauge provides an approximate reading of how much energy remains in the pack. The flash codes and colors communicate basic system and fault states.

SOC Gauge Flash Codes

| System State | Color | SOC% |
|---------------------|---|---------------|
| Loading System Data | Constant Blue Blink | 0-100% |
| Normal Operation | Solid Green | 21-100% |
| Low SOC | Solid Yellow | 10-20% |
| Very Low SOC | Solid Red | Less than 10% |
| System Empty | 6 Red Flashes | 0% |
| System Fault | Constant Red Flashes | 0-100% |
| Too Hot to Charge | Yellow for 5 seconds, off for 1 second, repeats | 0-100% |
| Too Cold to Charge | Blue for 5 seconds, off for 1 second, repeats | 0-100% |

Volta system troubleshooting www.voltapowersystems.com/support/