

SmartGauge – SmartBank Advanced Fleet Operators Guide

SmartGauge is the battery state of charge meter. **SmartBank** is the split charge controller.

Pressing the **Volts** button displays the voltage on the **auxiliary battery**. For example “**12.60**”

The **Status** button displays the charge status of the **auxiliary battery** (“**C 83**” means 83% charged)

Discharging below 50% severely shortens the life of batteries.

Pressing the **Batt 2** button displays the voltage on the **engine battery**. For example “**12.65**”

Whenever the **PGM/Batt 2** light is on, it means the currently displayed voltage is the engine battery. When this light is not on, it means the currently displayed voltage is the **auxiliary battery**.

Pressing *and holding* the **Volts** button for 5 seconds will manually connect the **engine battery** to the **auxiliary battery** to enable engine starting from the **auxiliary battery** when the **engine battery** is flat.

SmartBank light flashes whenever the SmartBank is in standby mode. SmartBank light is on solid when SmartBank is splitting the charge to both batteries.

If the display is blank it has gone into sleep mode. Pressing any button will wake it up.

If the display flashes “**E 01**” it means power has been lost and therefore charge status may not be accurate.

“**E 02**” = battery voltage *has been* very low on the **auxiliary battery**, this can cause battery damage.

“**E 03**” = battery voltage *has been* very high on the **auxiliary battery**, this can cause battery damage.

“**E 04**” = voltage *has been* outside the measurement range (9 to 17 volts or 18 to 34 volts on 24V systems).

“**LO**” = battery voltage is below 9 volts (18 volts on 24V systems).

“**HI**” = battery voltage is above 17 volts (34 volts on 24V systems).

“**E 10**” = communication cable fault between SmartGauge and SmartBank.

“**E 11**” = relay or battery cable problem.

“**E 12**” = SmartBank failure.

“**E 13**” = SmartBank incorrectly setup.

Alternating “**CP**” means a charge source has been connected and SmartBank is in **Connect Pending** mode.

“**dP**” = charger has been shut down and SmartBank is in **disconnect Pending** mode.

“EP” = Engine **P**riority charging ensures **engine battery** well charged before charging **auxiliary battery**.

“EC” = Emergency **C**onnect to start engine from auxiliary bank.

“Con” = batteries are being split charged.

Pressing any button will kill the error code until another error occurs.

All setup menus have been disabled in this unit.