Installation Instructions

Voltage Scaling:

(Charging)

36v

E F

CHG

25v 29v 36v 41v

(Charging)

48v

E F

CHG

37v 40v 48v 52v

Positive (+) Terminal   Negative (-) Terminal
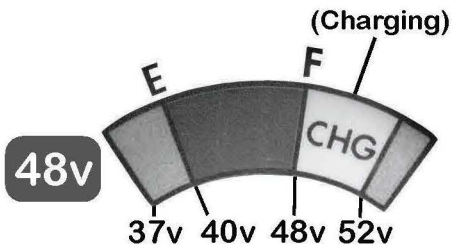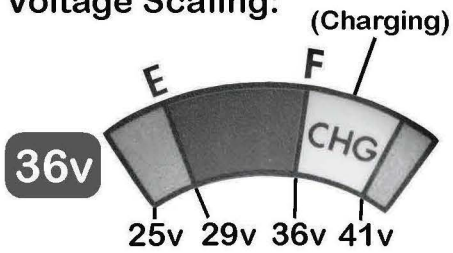
The Imtronics Battery State-of-charge meter is installed in a 52mm (2 -1/16") hole or in the optional Black Mounting panel.

Meter without optional lighting

Cut 52mm (2-1/16") hole in dash of golf cart or use optional black mounting panel and attach to convenient location using two (2) screws (not supplied). Prepare two (2) 16AWG wires with ¼" Female quick connect terminals (available in auto stores, electrical departments of Lowes, Home Depot etc.) on one end of the wire. Use black wire for Negative (-) and red wire for Positive (+) polarity. Slip the wires onto the meter terminals (Red to + and Black to -). Connect the other end of the Red (+) wire to the first battery's Positive (+) terminal. Connect the Black (-) wire to the last battery's Negative (-) terminal. The meter will always be "on".

Optional lighting

Install meter as above. To connect lamp, locate the Negative (-) terminal and Positive (+) terminal on the rear of the key switch. Attach either wire coming from lamp to the Negative (-) terminal on the rear of the key switch. Connect the remaining lamp wire to the Positive (+) terminal on the rear of the key switch. Lamp will go on when key switch is on and go off when key switch is off.

WARNING! **If the polarity is reversed the gauge will be damaged beyond repair and void the warranty.**