

# Float Power Systems & Controls

## **DC Fault Analyzer and Locator Instrument**

**(A Samcoeng Product)**

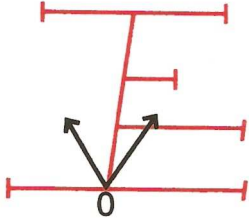
### **Technical Specifications**

#### **GFAL-A**

Operating DC range	12 to 270 VDC
Operation Impedance Range	5 K $\Omega$ to 80 K $\Omega$ (also 10 M $\Omega$ )
Switching pseudo grounds	By opto-isolation, "Cold Switching"
Accuracy (full scale)	Volts and milliamps a minimum of 5%
Environmental	30 to 125 Degrees F
Power source input	12-18 VDC (Center point positive polarity)
Battery operation per charge	24 hr
Display (volts and ma)	2, 3 ½ Digit LCD
Dimensions	12" x 7.5" x 11"
Weight	6 Lb.
Case (2 colors)	Gray and yellow

#### **GFAL-B with a MSA installed**

Operating signal	Interrupted DC, Minimum 3 ma.
Impedance Range	No load to the DC system
Environmental	30 to 125 Degrees F
Power source input	12-18 VDC (center positive polarity)
Battery operation per charge	24 hr
Accuracy	From 1 to +/- 20%, Depends on the MSA installation.
Display	LCD Alphanumeric
Dimensions	12" x 7.5" x 11"
Weight	4 Lb.
Case (2 colors)	Gray and yellow



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## **Customers will receive the following with this kit**

- One GFAL-A, the Analyzer Unit
- One GFAL-B the Tracking Unit
- One Large Magnetic Sensor that connect to the GFAL-B, P/N: MSA
- One Small Magnetic Sensor that connect to the GFAL-B, P/N: SMSA
- One Large Magnetic Shields, P/N: LMS (For special use as explained in the Application Notes)
- One Short Magnetic Shield, P/N: SMS (For special use as explained in the Application Notes)
- One Hardness Cable that connect to the GFAL-A, P/N: 1HC
- Two Power adapters for charge the batteries of the GFAL-A and the GFAL-B, P/N: 1BT
- One ATA black Carrying Case, P/N: 1ATA
- One Calibration Manual, P/N: CM1
- One CD with 8 Application Notes, P/N: CDAN
- One CD with a Power Point Presentation for Training, P/N: CDT