

# Be2K PLUS!

## Description

The Be2K-PLUS integrates a 3-phase Automatic Mains Failure, an Automatic Transfer Switch controller and a Generating Set Controller. Its programming runs quickly, and all parameters and operating functions are indicated by high-performance 128X64 graphic OLED display. The Be2K-PLUS interfaces with 5 sensors (or 4/20mA, 0/10V transmitters), a magnetic Pick-up or 'W' (if provided on the charger alternator). Measurements include Vac, Aac, Vdc, kVA, kVar, kW, Energy, Pf, Hz, hour count, R.p.m., Oil Pressure, Engine & Auxilary Temperatures and Fuel Level. A Windows XP © compatible remote monitoring and control software program is provided. The Be2K-PLUS is SAE-J1939 compatible, features RS485, RS232 and complies with NFPA-110 and NFPA-99 specifications.

## Key Features

- ✓ 200 Events Log History tagged by a Real time clock
- ✓ Monitoring of Vdc inputs for Telecom & Renewable Energy Applications



- ✓ Ideal for Dual/Genset standby applications

- ✓ Interfaces with Resistive sensors 0-10V, 0-5V or 4-20mA

- ✓ Configurable I/O: 5 digital outputs 5 digital input 6 analog input

- ✓ 72-hours dynamic Burn-in 3-year Warranty

- ✓ RS485, CAN-BUS J1939, RS232, TCP-IP protocol, interfaces with Modem

## Display features

- 128 x 64 Graphic OLED display
- High luminosity 12-digit LED display
- Aac, Vac, Pf, Hz, Vdc, R.P.M. indications
- Power & Energy indications
- BAR, Temperatures, % Fuel, and h-meter

## Miscellaneous features

- Two-part removable Plug & Socket
- 72-hour dynamic burn-in, 3-Year warranty
- Metallic Enclosure, EMC proof
- Dimensions/Weight: 250X185X70/1400Gr.
- IP protection: IP54 (IP20 at rear)

## Specifications

- Vdc Supply: 5.0Vdc up to 36Vdc
- Analogue Resistive Senders up to 1000 Ohm
- Digital inputs protection + / - 100V
- Operating Temperature: -30°C up to +70°C
- Vac input range: 70Vac up to 600Vac
- Frequency range: 15Hz up to 90Hz
- AC Measurements accuracy: +/-1%
- Generator Current Input: 0 up to 8Aac

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Typical application wiring diagram

