

Be2K PLUS

Description

The Be2K-PLUS incorporates a 3-phase Automatic Mains Failure Detector, an Automatic Transfer Switch controller and a Generating Set Controller in a single unit. Its programming runs fast, and all parameters/operating functions are indicated by high-performance 128X64 graphic OLED display. An additional high luminosity LED display provides Voltage / Current measurements. 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 computer 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 applications in Mains standby configuration

- 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 J1939, RS232, TCP-IP protocol, external Modem Interface

Display & miscellaneous features

- 128 x 64 Graphic OLED display
- High luminosity 12-digit LED display
- Aac, Vac, Pf, Hz, Vdc, R.P.M. indications
- 72-hour dynamic burn-in, 3-Year warranty
- Pressure, Temperature, Fuel, and h-meter
- Power & Energy indications

Electrical & environmental specifications

- Vdc Supply: 5.0Vdc up to 36Vdc
- Analogue Resistive Senders up to 1000 Ohm
- Vac input range: 70Vac up to 600Vac
- Frequency range: 15Hz up to 90Hz
- AC Measurements accuracy: +/-1%
- Current Transformer Input: 0 up to 8Aac
- Metallic Enclosure, EMC proof
- Dimensions: 250X185X70 mm
- Weight: 1.4 Kg.
- IP protection: IP54 (IP20 at rear)
- Vibration (max): 5-25Hz, +/- 1,5mm
- Operating Temperature: -30°C up to +70°C

Your local distributor:

A.T.S. \ A.M.F. & Generating Set Controller

Generating Set Controller

Typical application wiring diagram

Generating Set Controller

