



Be2k-Plus versus competitors (*)

| <u>Features</u> | Be2k-Plus | DSE 6XXX-7XXX | COMAP AMF25 |
|---|---------------------------------|----------------------|--------------------|
| OLED (Organic graphic) display -30/+70 °C | Yes | No | |
| Independent LED display for Generator parameters (double display system) | Yes | No | |
| CAN-BUS port (J1939) for ECU | Yes, ISOLATED | Not isolated | Optional |
| Earth fault current sensing and differential protection of the Generator | Yes | Not isolated | NO |
| NFPA-110 Level 1 & 2 compliance for applications is U.S.A. and CANADA | Yes | Not declared | |
| Quick guide in user manuals for troubleshooting. Separated manuals for Manufacturer and final user. | Yes | No | |
| Timers for MAINS monitoring | up to 24h | a few hours | |
| Embedded software Gasoline/Gas engines | Yes | No | Not specified |
| Programmable parameters | 350 | Not comparable | |
| Total digital Outputs / [Options] | 12 / [79 options] | 8 / [some options] | |
| Total digital Inputs / [Options] | 10 / [32 options] | 8 / [some options] | |
| 6 Analog Inputs (4-20mA, 0-5V, 0-10V) | 6 | No | |
| Monitoring of Air conditioner and Telecom battery pack for Telecom application | Yes (fully programmable) | No | |
| Automatic start for Low Battery plant | Yes | No | |
| Autostart for High-Low ambient temperature | Yes | No | |
| Programmable Rental contract + 3 level Maintenance timers | Yes | Not specified | |
| Software for DUAL GENSET in standby to MAINS with programmable priority and independent work-time. | Yes | No | |
| Calibration and troubleshooting modes | Yes | No | |
| Independent RS232, RS485 MODBUS and CAN-BUS J1939 | Yes | No | |
| Memory (LOG) Events tagged by clock | 200 | 30 | 100 |
| Reprogramming of the entire Firmware of the BE2K-PLUS in field. | YES (embedded) | No | |
| Coating of the internal circuits boards and dynamic test for 72 hours | YES with BECTRON 4122 | Not specified | |
| Tolerance to a 0V battery voltage dropouts during the starting of the engine. | 500 mS | 50.....100mS max | |
| Permanent Vac for unlimited time on MAINS and GENERATOR inputs | 1000Vac | 576Vac | not specified |
| Digital Input overvoltage protection | +/- 100V | +/- 50Vdc | not specified |

(*) We apologize for errors or misunderstandings. The purpose of this document is only to compare some basic specifications between controllers.