

InteliGen^{NTC} BaseBox

Complex Parallel Gen-set Controller with Optional Colour Display



> InteliGen^{NTC} BaseBox is a comprehensive gen-set controller for both single and multiple gen-sets operating in standby or paralleling modes.

The detachable modular construction allows easy installation with the potential for many different extension modules designed to suit individual customer requirements.

- > To be used in conjunction with colour displays InteliVision 5 or InteliVision 8
- > Support of engines with ECU (Electronic Control Unit)
- > Complete integrated gen-set solution and signal sharing via CAN bus – minimum external components needed
- > Many communication options – easy remote supervising and servicing
- > AirGate support, Ethernet connection (RJ45), USB 2.0 slave interface, 1x RS232 / 2x RS485 interface with Modbus protocol support; Analog / GSM / ISDN / CDMA modem communication support; SMS messages; ECU Modbus interface; secondary RS485 converter is isolated
- > Automatic synchronizing and power control (via speed governor or ECU)
- > AMF function, Baseload, Import / Export, Peak shaving, Voltage and PF control (AVR) > Generator measurement: U, I, Hz, kW, kVAr, kVA, PF, kWh, kVAhr
- > Mains measurement: U, I, Hz, kW, kVAr, PF
- > Selectable measurement ranges for AC voltages and currents – 120 / 277 V, 0–1 / 0–5 A
- > Inputs and outputs configurable for various customer needs
- > Bipolar binary outputs – possibility to use BO as High or Low side switch
- > Controller redundancy
- > Event-based history (up to 1000 records) with customer-selectable list of stored values; RTC; statistic values
- > Integrated PLC programmable functions
- > Integrated fixed and configurable protections
- > DIN-Rail mount
- > Customized firmware solution

Order code IG-NTC-BB

Gen-set controllers Parallel