

## GENERATOR SET CONTROL – TELCOM SECTOR



DUAL SYSTEM



SINGLE SYSTEM

### BENEFITS

- ⊕ **Tested and proven with Telecom industries**
- ⊕ **Can be monitored, programmed & controlled locally or remotely**
- ⊕ **Complete protection & data display**
- ⊕ **Reliable at extreme temperature**
- ⊕ **Economical and fast delivery**

### STANDARD FEATURES

- For Prime power and stand-by systems
- AC systems from 120 to 600 Vac, 1 & 3 phases, 50&60 Hz
- CSA Approved (UL & cUL for the controller)
- Main & Generator power information display
- Automatic or manual start (start & stop controller button)
- Terminal compatible with #10 gauge wires
- 10 amperes 'C' form contact relay
- Complete documents for the installation & setup
- User manual, drawing and material list

### STANDARD EQUIPMENT

- User-friendly RGK60 engine/generator controller (see prospectus)
- Nema 12 cabinet with grey ASA-61 color. Other colors are available
- AC input fuse & DC input breaker
- Fuel, starter, engine running and system fault relays
- PTs & CTs transformer required
- Marked wires, wiresway and terminals required
- Equipment identification

### OPTIONS

- Dual controller system for dual generator set
- Power contactors / breaker
- Communication with single or dual controller
- Industrial DC modem and integrated RS-485 converter
- Friendly-user software for programming, controlling and monitoring
- Communication with PLC by Modbus protocol
- HX Battery charger (see prospectus)
- Emergency stop push button
- Audible alarm
- Engine preheat contact relay
- Panel heater with control

### STANDARD ALARM LIST (EACH CONTROLLER)

- Pre-alarm & shutdown on high coolant temp. [analogue/ digital]
- Defective coolant temperature analogue sender
- Pre-alarm & shutdown on low oil pressure [analogue/ digital]
- Defective oil pressure analogue sender
- Defective oil pressure digital sender
- Pre-alarm & shutdown on low fuel level [analogue/ digital]
- Defective fuel level analogue sender
- High, low & very low battery voltage
- Defective battery charge alternator
- Speed signal lost (engine signal)
- Low / high frequency
- Defective starter
- Emergency stop/ Unexpected stop/ Engine stop failure
- Low / high generator frequency
- Low / high generator voltage
- Asymmetry / short-circuit & generator overload
- External generator protection tripping
- Main / Generator contactor failure