

new



RGK 420SA



RGK600



RGK700



RGK800

**Stand alone gen-set controllers**

- Generator voltage and current control
- Engine protection
- Programmable inputs and outputs
- Programmable alarm properties

type	digital inputs	digital outputs	description
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**RGK400SA series** *96 x 96 mm panel mounting (IP40)*

- Universal supply: 12 / 24 VDC
- Display: LCD icon display
- Measurement voltage: 100 - 480 VAC
- Current Input: 1PH, /5A or /1A
- 1 analog resistance input for oil pressure / engine temperature or fuel level control
- Single, two and three phase voltage control - L1-L2-L3-N
- Customisable alarm text (2 alarms)
- IR programming port on front panel for communication with PC
- NFC technology for parameter setup via smartphone or tablet

**RGK400SA** 5 5 stand alone gen-set controller

**RGK420SA\*** 5 5 stand alone gen-set controller

\* Incorporates 3 position key switch (OFF, local start, remote start)

**RGK 400SA accessories**

Expansion modules (rear plug-in)

**EXP1040** additional - 2 digital / resistance inputs, 2 static outputs

**EXP1041** additional - 2 thermocouple inputs, 2 static outputs

**EXP8005** housing gasket to increase protection to IP65

**RGK600SA series** *144 x 144 mm panel mounting*

As above RGK400SA but with following additional features:

- Display: Graphic LCD 128 x 80 pixels with backlight
- Measurement voltage: 100 - 480 VAC
- Current Input: 3PH, /5A or /1A
- Operating temperature: -30 - +70°C
- 3 analog resistance input for oil pressure, engine temperature or fuel level control
- Customisable alarm text (8 alarms)
- Non-volatile memory for event storage
- Modbus-RTU and Modbus-ASCII protocols

**RGK600SA** 4 6 stand alone gen-set controller with "W" or magnetic "pickup" for engine speed reading (no CANbus)

**RGK601SA** 4 6 stand alone gen-set controller with CANbus-J11939 (no "W" or magnetic "pickup")

**RGK700SA series** *180 x 240 mm panel mounting*

As above RGK600SA but with following additional features:

- Measurement voltage: 30 - 600 VAC (programmable VT ratio)
- 3 analog resistance input for oil pressure, engine temperature or fuel level control
- Single, two and three phase voltage control - L1-L2-L3-N
- PLC logic for inputs, outputs and internal status
- RS232 communication port

**RGK700SA** 6 7 stand alone gen-set controller

**RGK800SA series** *180 x 240 mm panel mounting*

As above RGK700SA but with following additional features:

- RS485 communication (no RS232 port)
- Neutral current measurement range: 0.050...6A or 1.2A
- 400Hz frequency support
- 1 programmable analog input
- Modbus-TCP communication protocol
- Current leakage control
- RTC clock-calendar
- Expandable with rear plug-in expansion modules (see page F-5)

**RGK800SA** 6 7 full featured stand alone gen-set controller