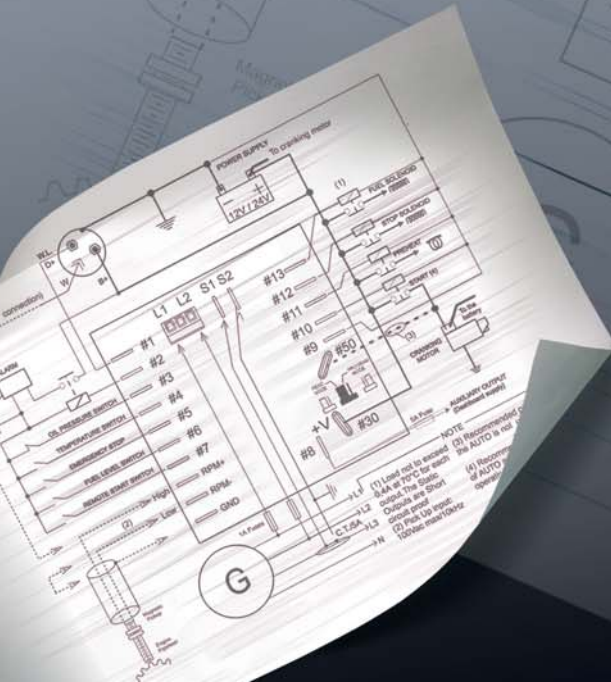




We offer a wide range of solutions for the generating set market. Join us and take advantages of our state-of-the-art electronic controllers.

*Bernini Mantova*



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**BE2000  
Generator  
and A.M.F.  
Controller**

- Full 3-Phase Vac/Acc
- 600Vac / 5Aac(C.T.) inputs
- 22 inputs, up to 35 outputs
- Bar - °C and % Fuel indications
- Meets NFPA110 and CSA-C282M89
- Vac-Aac-Vdc-RPM-Hz-hours
- 4 operating modes, RS232 interface
- Automatic transfer switch functions
- Mains and Generator control
- 60 Programmable parameters
- 3 X 4 digits display, 18 LEDs
- Solid state alphanumeric display
- -25°C / +65 operating temperature
- Kw - kVA - kVA<sub>r</sub> - PF - Hz
- 13 Membrane push buttons
- Size 250X185X70 mm, IP55
- Digital Calibration in running mode
- MODBUS and RS485 options
- GSM/GPRS/Analog modem control
- Free-to-try software for PC platforms

State of the art generator set controllers



## BE21



### BE21 Generator and A.M.F. Controller

- Cost effective Single Phase
- 600Vac / 5Aac.C.T. inputs
- 12 inputs, 7 outputs
- Din size 192 x 96 x 40mm
- 28 Adjustable Parameters
- 4 digits display, 24 LEDs
- Vac-Aac-Vac-RPM-Hz-hours
- 6 membrane push buttons

## BE28



### BE28 Engine and Generator Controller

- Manual and Auto start
- Accepts Pick-Up or 'W'
- 600Vac / 5Aac(C.T.) inputs
- 10 inputs, 5 outputs, Din 96
- 40 Adjustable Parameters
- 3 X 4 digits display, 9 LEDs
- Full 3-phase Vac, Aac
- BAR -°C - % - Vdc - RPM - h
- Kw - kVA - kVAr - PF - Hz
- 7 Membrane push buttons

## BE28ATS



### BE28 Universal ATS

- 4 Operating Modes
- Automatic Transfer Switch
- Mains & Generator control
- 600Vac / 5Aac C.T. inputs
- 4 inputs, 5 outputs, Din 96
- 30 Adjustable Parameters
- 2 X 4 digits display, 8 LEDs
- Full 3-phase Vac, Aac
- Kw - kVA - kVAr - PF - Hz
- 10 Membrane push buttons

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## BE22



### BE22 Generator and A.M.F. Controller

- Full 3-Phase Vac/Aac
- 600Vac / 5Aac(C.T.) inputs
- 12 inputs, 7 outputs
- Din size 192x96x40mm
- 28 Adjustable Parameters
- 4 digits display, 24 LEDs
- Vac-Aac-Vac-RPM-Hz-hours
- Din rail mount interface

## BE24



### BE24 Engine and Generator Controller

- Manual and Auto start
- Accepts Pick-Up or 'W'
- 600Vac / 5Aac C.T. inputs
- 10 inputs, 5 outputs, Din 96
- 29 Adjustable Parameters
- 4 digits display, 2 LEDs
- Vac-Aac-Vdc-RPM-Hz-hours
- 6 Membrane push buttons

## BE20A



### BE20A Engine controller

- 30A Key-switch
- Auto operating mode
- 12/24V selectable
- 6 inputs, 6 outputs
- Din size 96x96x40mm
- Preheat setting
- 2 Push buttons, 8 LEDs

## BE23



### BE23 Generator Controller

- 4 Operating Modes
- 600Vac / 5Aac(C.T.) inputs
- 15 inputs, 9 outputs, DIN 96
- 28 Adjustable Parameters
- 4 digits display, 12 LEDs
- Vac-Aac-Vdc-RPM-Hz-hours
- Displays Oil, °C and % Fuel
- 8 push buttons, RS-232

## BE72



### BE72 Engine controller

- 30A Key-switch
- Auto operating mode
- 6 inputs, 6 outputs
- Din size 72, 40mm depth
- Programmable Overspeed
- Programmable Preheat
- 1 Push button, 8 LEDs

## BE15



### BE15 Universal Communication module

- MODBUS RTU protocol
- 15 Relay Outputs,
- DIN rail mount
- 2 x RS485 & 2 x RS232
- GSM & GPRS modem control
- 40 numbers Phone-book
- 100 Programmable SMS
- Supply range 6 Vdc to 36Vdc
- PC configurable software
- Logging functions