



**GREEN POWER SYSTEMS s.r.l.**  
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**Description and technical data**

**AMF PANEL ON BOARD FOR GENERATING SET WITHOUT ATS - 10kVA ÷ 150kVA**

**DESCRIPTION:**

- Electric control panel mod. BE21 (protection IP42);
- Plastic box with frontal hinged door;
- Control unit BE21 12/24V: bivoltage, programmable microprocessor with alfanumerical LED display in English.
- It visualizes:
  - Mains line voltage L1/L2 with min and max voltage control that is adjustable -20%/+20% and phase lack for automatic gen set starting;
  - Genset line voltage L1/L2 with min and max voltage control that is adjustable 20%/+20% and phase lack for automatic gen set starting;
  - Delivered current from the Gen set with gear scale;
  - Gen set frequency 50/60Hz with min and max control + alarm;
  - Diesel engine speed indicator = Sets on the frequency;
  - Battery voltage with min e max controls + alarm;
  - Digital voltmeter battery voltage;
  - Digital service hour;
  - Gen set state and alarm with led messages;
  - 28 Programmable parameters;
  - Operational selection push buttons for RESET - MAN- AUT- TEST;
  - Engine START - STOP push button;
  - Manual UP/DOWN push button for the parameters reading on the display;
  - Automatic start and stop from external consens (float, clock, etc.).
- Current transformer for ammeter;
- Emergency mushroom-head push button for immediate stop;
- Programmable periodical engine test
- Prearrangement preignition glow plug
- Automatic battery charger with transformer 100 VA;
- Fuses for auxiliaries circuits protection 10x38 LEGRAND;
- 10 poles connector mod. CNM10 ILME for external change over and signal connection;

<b>GENSET POWER (KVA)</b>	<b>AMMETER +TA (A)</b>	<b>CONNECTING TERMINAL POWER MOD.</b>
10	25 Diretto	16Amps Socket
15	40 Diretto	32Amps Socket
20	40 Diretto	32Amps Socket
25	60/5	63Amps Socket
30	60/5	63Amps Socket
40	100/5	63Amps Socket
50	100/5	Terminal board
60	100/5	Terminal board
70	150/5	Terminal board
80	150/5	Terminal board
100	250/5	Terminal board
125	250/5	Terminal board
150	250/5	Terminal board

Il responsabile di progetto: Ing.Lorenzo Santucci