

OP
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The diagram illustrates the electrical connections for a 1000W generator, organized into three main functional blocks: the Inverter Block, the Control Panel Block, and the Engine Block.

Inverter Block: This section contains the Inverter unit, a Noise filter (AC), and a spark unit. The Inverter unit is connected to the sub winding, SUB winding, DC winding, and exciter winding. It also provides output lines labeled W, R, B, O, and BI. The spark unit is connected to the spark plug and the spark unit ground.

Control Panel Block: This block includes the AC output receptacle, AC output switch, Intelligent Throttle switch, and a switch position indicator (ON/OFF). The AC output switch is connected to the AC output receptacle and the Inverter unit. The Intelligent Throttle switch is connected to the throttle motor and the Inverter unit. The switch position indicator is connected to the Intelligent Throttle switch and the Inverter unit.

Engine Block: This block contains the engine, throttle motor, rectifier, and various sensors. The throttle motor is connected to the throttle motor ground and the Inverter unit. The rectifier is connected to the rectifier ground and the Inverter unit. The engine is connected to the engine ground and the Inverter unit. The throttle motor is also connected to the throttle motor ground and the Inverter unit.

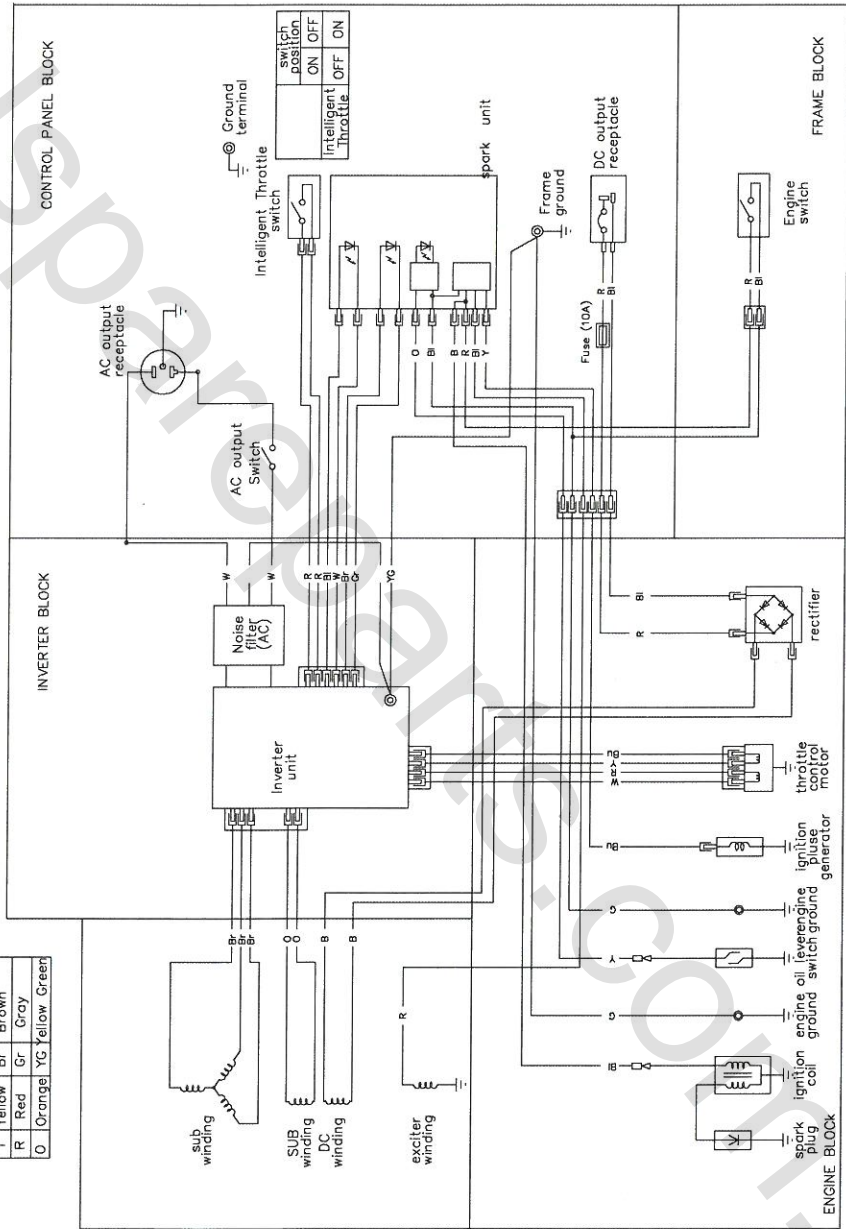
Wiring Details: The diagram shows the following connections:

- AC Output:** The AC output switch is connected to the AC output receptacle and the Inverter unit.
- Throttle Control:** The Intelligent Throttle switch is connected to the throttle motor and the Inverter unit.
- Spark Unit:** The spark unit is connected to the spark plug and the spark unit ground.
- DC Output:** The DC output receptacle is connected to the DC output switch and the Inverter unit.
- Grounding:** The Inverter unit is grounded to the frame ground.
- Winding Connections:** The sub winding, SUB winding, DC winding, and exciter winding are connected to the Inverter unit.

Legend:

W	Yellow
R	Red
B	Blue
Gr	Gray
O	Orange
YC	Yellow Green

Frame Block: The diagram also shows the connection to the frame ground, which is connected to the DC output receptacle and the spark unit ground.



REV	ZONE	DESCRIPTION	ECR	CHECKED
01		DESIGN RELEASE C948 11/20/2011	09111878	GERARDO 11/20/11
02		SEE SHEET 1 C948 01/03/2012	09120102	GERARDO 01/03/12

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