

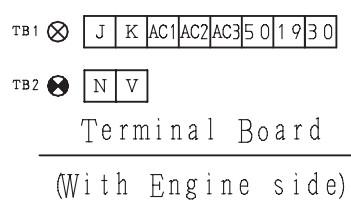
CONNECTOR  
(View from Wiring side)

Refer to engine wiring diagram

SYMBOL	PARTS NAME
G	Brushless Generator
CB1	AC Circuit Breaker
CB2	AC Circuit Protector
CB3	AC Circuit Protector
CB4	AC Circuit Protector
CON1	Output Receptacle (120/240V)
CON2	Output Receptacle (240V)
CON3	Output Receptacle (120V)
CON4	Output Receptacle (120V-GFCI)
V	AC Voltmeter
TB1	Terminal Board
⊕ ⊖	DC Welding Output Terminal
L A, B	DC Reactor
IC	Control Unit, transistor (IGBT)
IP A, B	Protector, transistor (IGBT)
CT-A, B	Current Transformer
CT-AC	Current Transformer
PTR A, B	IGBT
Re1 A, B	Rectifier
C1, 2 (A, B)	Condenser
THA, B	Thermostat
Re2	Rectifier
DM-76	Digital Panel
AVR	Automatic Voltage Regulator
C2~5	Condenser
VR1 A, B	Current/Voltage Regulator
VR2 A, B	Welding Regulation
VR3	Time Regulator
SW1	Idle Stop Selector Switch
SW2	e mode Selector Switch
SW3	Welding Mode Selector Switch (CC/CV)
SW5	Door Switch
SW6	Limit Switch
SW7	Engine Start Button
SW8	Single-Dual Selector Switch
RS	Rotation Sensor
GM	Geared Motor
R1	Resistor
R2 A, B	Resistor
R4 A, B	Resistor
RY1	Relay
	Socket
OCR	Over Current Relay
⊕	Ground Terminal (for GFCI)
TB2	Terminal Board
22	GFCI Sensing Module

Wire Size	WIRING COLOR CODE		尺 度 S C A L E
3.5 : 3.5mm <sup>2</sup>	SYMBOL	COLOR	1 1 三角法 THIRD ANGLE
5.5 : 5.5mm <sup>2</sup>	B	BLACK	
8 : 8mm <sup>2</sup>	L	BLUE	
14 : 14mm <sup>2</sup>	BR	BROWN	
30 : 30mm <sup>2</sup>	G	GREEN	
	GR	GRAY	
	V	VIOLET	
NO MARK : 0.75mm <sup>2</sup>	P	PINK	

DLW330X2 GFCI GENERATOR  
WIRING DIAGRAM



Refer to engine wiring diagram

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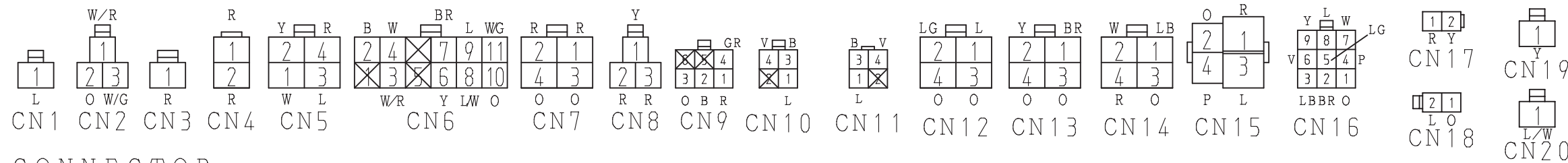
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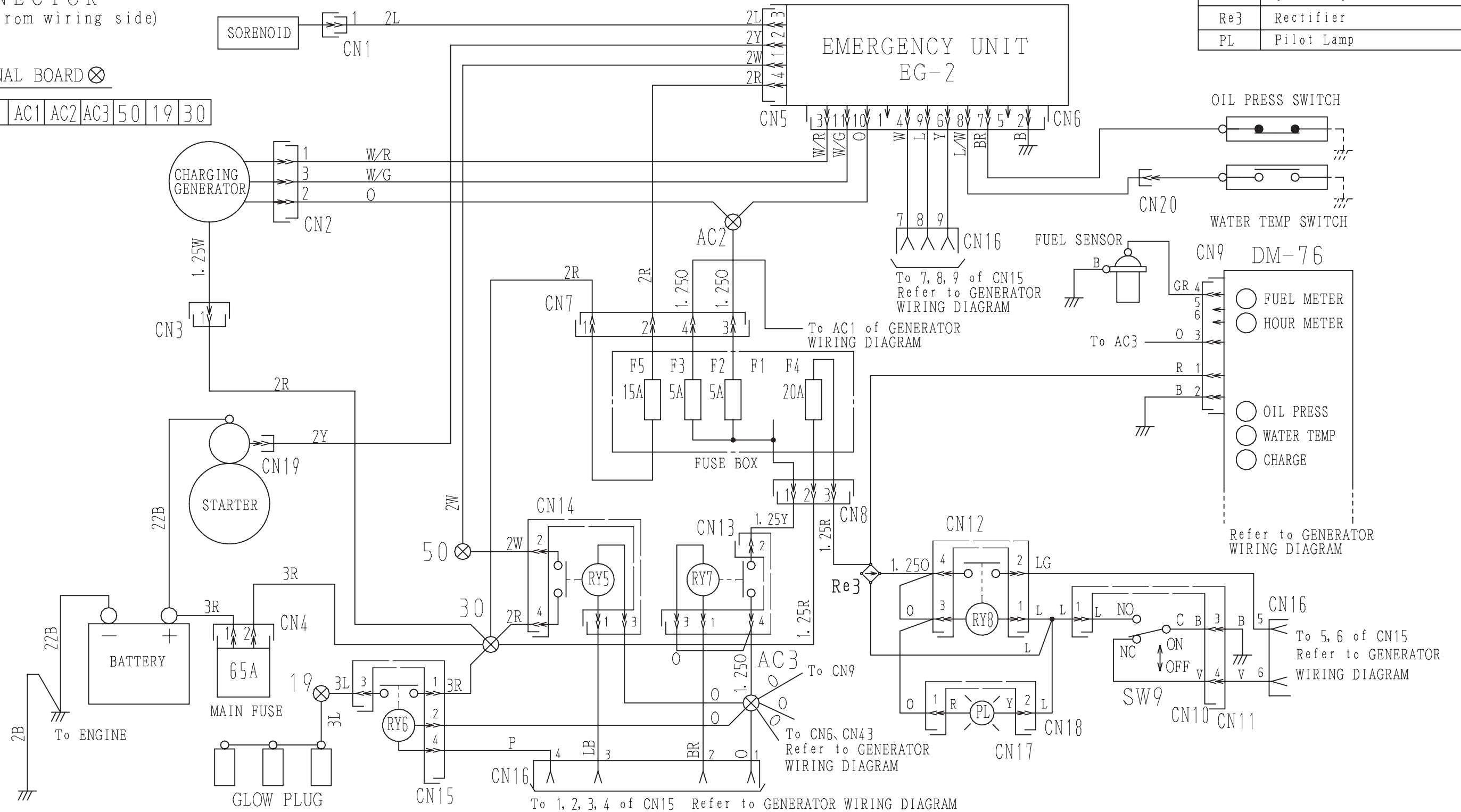
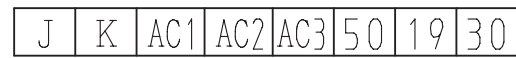
Refer to engine wiring diagram



SYMBOL	PARTS NAME
RY5	Starter Relay
RY6	Glow Relay
RY7	Engine ON/OFF Relay
RY8	Power Relay
SW9	Starter Switch
Re3	Rectifier
PL	Pilot Lamp

CONNECTOR  
(View from wiring side)

TERMINAL BOARD ⊗



Wire Size	WIRING COLOR CODE			
1.25: 1.25mm <sup>2</sup>	SYMBOL	COLOR	SYMBOL	COLOR
2: 2mm <sup>2</sup>	B	BLACK	R	RED
3: 3mm <sup>2</sup>	L	BLUE	W	WHITE
22: 22mm <sup>2</sup>	BR	BROWN	Y	YELLOW
	G	GREEN	LB	LIGHT BLUE
	GR	GRAY	LG	LIGHT GREEN
	V	VIOLET	O	ORANGE
NO MARK: 0.75mm <sup>2</sup>	P	PINK		

## DLW330X2 GFCI ENGINE WIRING DIAGRAM