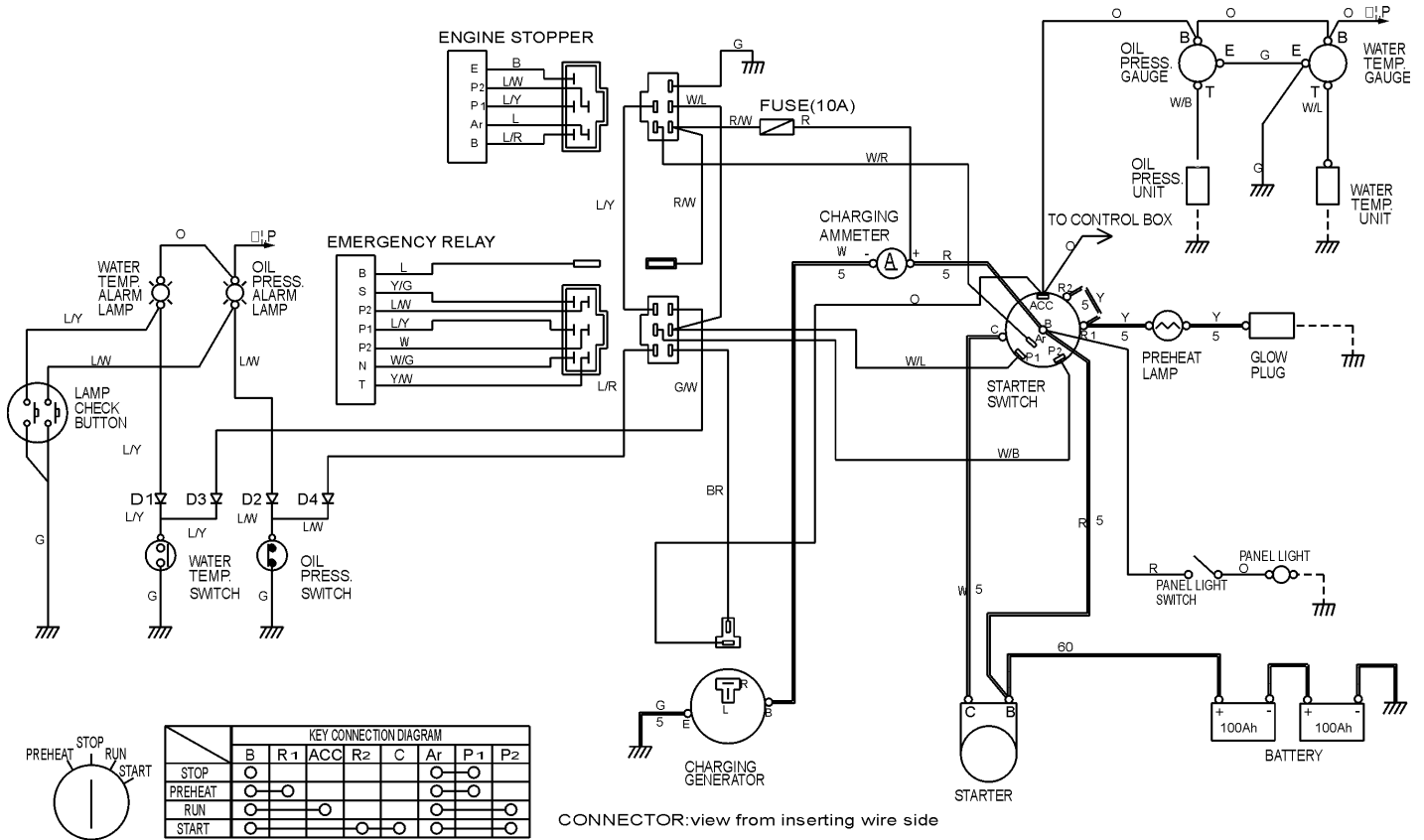


DCA-40SSAI — SPECIFICATIONS

Table 7. Specifications					
Generator Specifications					
Model	DCA-40SSAI				
Type	Revolving field, self ventilated, open protected type synchronous generator				
Armature Connection	Star with Neutral				
Phase	3				
Standby Output	46.8 KVA (37.4 KW)				
Prime Output	40 KVA (32 KW)				
Voltage	240V or 480V				
Frequency	60 Hz				
Speed	1800 rpm				
Power Factor	0.8				
Aux. AC Power	Single Phase, 60 Hz				
Voltage	120/240 V				
Output	11.5 KW (13.4 KW)				
Engine Specifications					
Model	ISUZU QD100 (4BD1)				
Type	4 Cycle, water-cooled, swirl combustion chamber type				
No. of Cylinders	4 cylinders				
Bore x Stroke	4 in. x 4.6 in. (102 mm x 118 mm)				
Rated Output	52 HP/1800 rpm				
Displacement	235 cu. in. (3856 cc)				
Starting	Electric				
Coolant Capacity	4 gal. (15 liters)				
Lube Oil Capacity	3.4 gal. (12.9 liters)				
Fuel Consumption	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">2.3 gal. (8.7L)/hr at full load</td> <td style="text-align: center;">2.0 gal. (7.6L)/hr at 3/4 load</td> </tr> <tr> <td style="text-align: center;">1.5 gal. (5.7L)/hr at 1/2 load</td> <td style="text-align: center;">1.1 gal. (4.2L)/hr at 1/4 load</td> </tr> </table>	2.3 gal. (8.7L)/hr at full load	2.0 gal. (7.6L)/hr at 3/4 load	1.5 gal. (5.7L)/hr at 1/2 load	1.1 gal. (4.2L)/hr at 1/4 load
2.3 gal. (8.7L)/hr at full load	2.0 gal. (7.6L)/hr at 3/4 load				
1.5 gal. (5.7L)/hr at 1/2 load	1.1 gal. (4.2L)/hr at 1/4 load				
Battery	12V- 100AH x 2				
Fuel	#2 Diesel Fuel				

DCA-40SSAI — ENGINE WIRING DIAGRAM



	KEY CONNECTION DIAGRAM							
	B	R 1	ACC	R2	C	Ar	P 1	P2
STOP	○	○	○	○	○	○	○	○
PREHEAT	○	○	○	○	○	○	○	○
RUN	○	○	○	○	○	○	○	○
START	○	○	○	○	○	○	○	○

WIRE SIZE	COLOR CODE	
60: 60 mm ²	WIRE COLOR	WIRE COLOR
5: 5 mm ²	B BLACK	R RED
	L BLUE	W WHITE
	BR BROWN	Y YELLOW
	G GREEN	LB LIGHT BLUE
	GR GRAY	LG LIGHT GREEN
	V VIOLET	O ORANGE
	P PINK	

DCA-40SSAI — GENERATOR WIRING DIAGRAM

