



Service Manual

Cummins **Onan**

Performance you rely on.™



60 Hz Commercial Portable Generator Set

EGMBN / PX7500
EGMBN / PX7500e

PX7500 Commercial Portable Generator Set

PX7500e Commercial Portable Generator Set

CONTENTS

<i>Section</i>	<i>Title</i>	<i>Page</i>
1.	SPECIFICATIONS	1
2.	PERFORMANCE CURVES.....	2
3.	FEATURES.....	3
3-1	A.V.R. ALTERNATOR.....	3
3-2	OIL SENSOR	3
3-3	QUIET OPERATION	3
3-4	NO RADIO NOISE	3
3-5	LARGE FUEL TANK.....	3
3-6	RUGGED TUBULAR FRAME	3
3-7	MINIMAL MAINTENANCE.....	3
3-8	LONG-LIFE DURABILITY	3
4.	GENERAL DESCRIPTION.....	4
4-1	EXTERNAL VIEW	4
4-2	CONTROL PANEL	5
4-3	LOCATION of SERIAL NUMBER and SPECIFICATION NUMBER.....	6
5.	CONSTRUCTION AND FUNCTION	7
5-1	CONSTRUCTION	7
5-2	FUNCTION	7
5-3	DESCRIPTION of GENERATOR OPERATION	11
5-4	OIL SENSOR	14
6.	SAFETY PRECAUTIONS.....	17
7.	RANGE OF APPLICATIONS.....	18
8.	MEASURING PROCEDURES	21
8-1	MEASURING INSTRUMENTS	21
8-2	AC OUTPUT MEASURING	24
8-3	DC OUTPUT MEASURING.....	24
8-4	MEASURING INSULATION RESISTANCE.....	25
9.	CHECKING FUNCTIONAL MEMBERS.....	27
9-1	VOLTMETER	27
9-2	AC RECEPTACLES	27
9-3	No-FUSE BREAKER	27

<i>Section</i>	<i>Title</i>	<i>Page</i>
9-4	STATOR	28
9-5	ROTOR ASSEMBLY	28
9-6	BRUSH	29
9-7	A.V.R. (AUTOMATIC VOLTAGE REGULATOR).....	29
9-8	DIODE RECTIFIER	31
9-9	OIL SENSOR.....	32
9-10	EXCITING COIL.....	32
10.	DISASSEMBLY AND ASSEMBLY	33
10-1	PREPARATION and PRECAUTIONS.....	33
10-2	DISASSEMBLY PROCEDURES.....	34
10-3	ASSEMBLY PROCEDURES	42
10-4	CHECKING, DISASSEMBLY and REASSEMBLY of the FRONT PANEL	48
11.	TROUBLESHOOTING	50
11-1	NO AC OUTPUT.....	50
11-2	AC VOLTAGE IS TOO HIGH OR TOO LOW	51
11-3	AC VOLTAGE IS NORMAL AT NO-LOAD, BUT THE LOAD CANNOT BE APPLIED.....	52
11-4	NO DC OUTPUT	53
12.	WIRING DIAGRAM.....	54

NOTE : *As for the servicing information on engine portion, please refer to the EH41 engine service manual*

BUY NOW

Then Instant Download

the Complete Manual

Thank you very much!