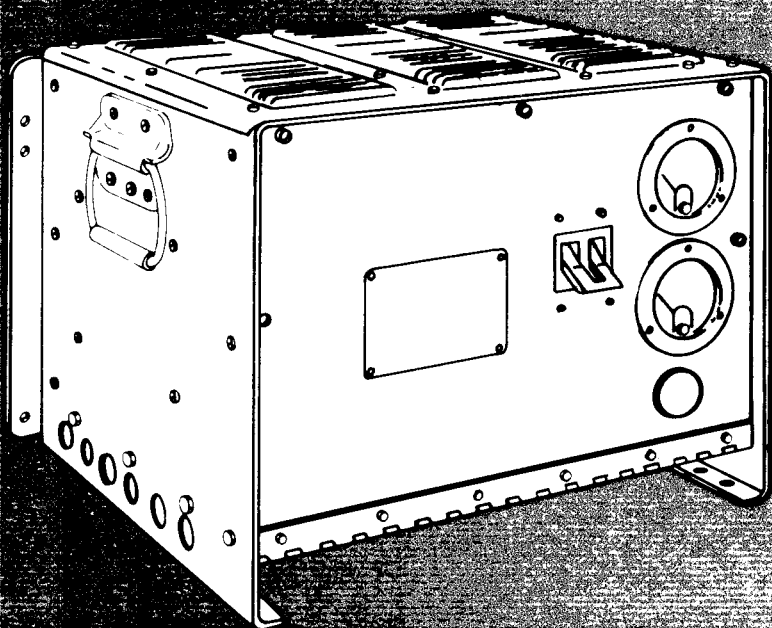


TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE**



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POWER SUPPLIES

PP-4763/GRC (NSN 5820-00-937-7690)

AND

PP-4763A/GRC (NSN 5820-00-113-9768)

HEADQUARTERS, DEPARTMENT OF THE ARMY

15 AUGUST 1963

TECHNICAL MANUAL

NO. 11-5820-765-34

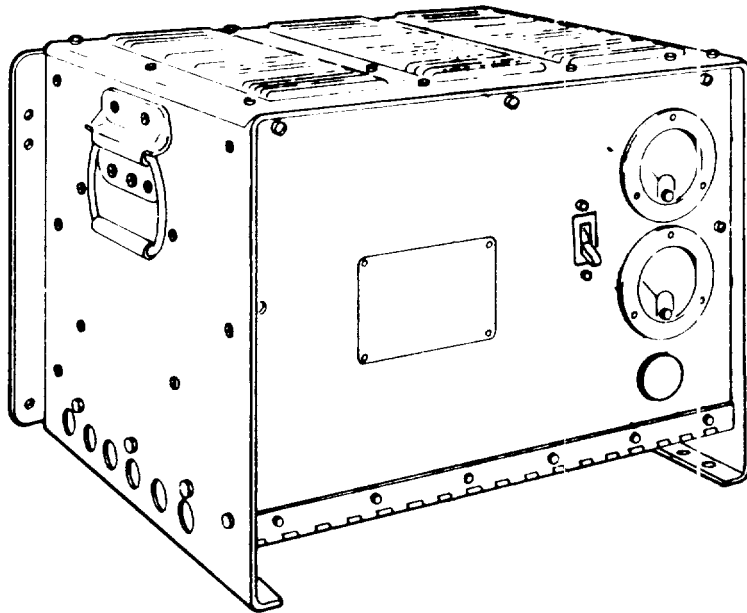
HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 15 August 1983**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL****POWER SUPPLIES**
PP-4763/GRC (NSN 5820-00-937-7690)
AND
PP-4763A/GRC (NSN 5820-00-113-9768)**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. A reply will be furnished direct to you.

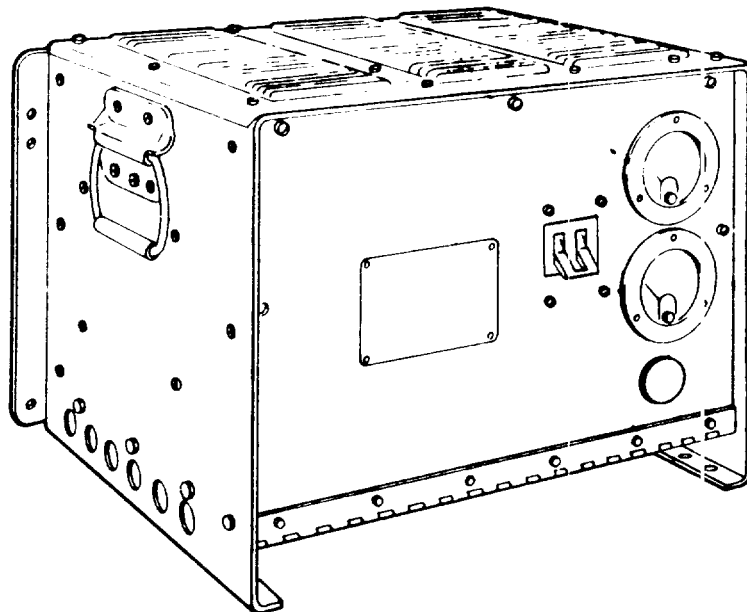
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*This manual supersedes TM 11-5820-765-35, 15 June 1969.



PP-4763/GRC



PP-4763A/GRC

CHAPTER 1
INTRODUCTION

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Section I. GENERAL INFORMATION

1-1. SCOPE

This manual describes direct and general support maintenance for Power Supply PP-4763/GRC and Power Supply PP-4763A/GRC. It includes instructions for troubleshooting, repairing, and testing the equipment. It also lists all the tools, test equipment, and materials needed for maintenance.

The power supplies and their major electronic components are described in section II of this chapter. Operating instructions and organizational maintenance are covered in TM 11-5820-765-12.

NOTE

In this manual, Power Supplies PP-4763/GRC and PP-4763A/GRC are referred to as power supply (*). Specific models are identified by unit nomenclature, without the GRC designation.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System (TAMMS).

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.

1-4. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)

If your Power Supplies PP-4763/GRC and PP-4763A/GRC need improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. We'll send you a reply.

1-5. TECHNICAL CHARACTERISTICS

See TM-11-5820-765-12, paragraph 1-5.

Section II. EQUIPMENT DESCRIPTION AND DATA

1-6. EQUIPMENT CHARACTERISTICS, CAPABILITIES AND FEATURES

The power supplies function in the same way. Both provide a dc power source for communications equipment, or for any type of load with similar power requirements.

PP-4763 converts 115 volts alternating current (ac) to direct current (dc) at a selected regulated voltage.

PP-4763A converts either 115 or 230 volts alternating current (ac) to direct current (dc) at a selected regulated voltage.