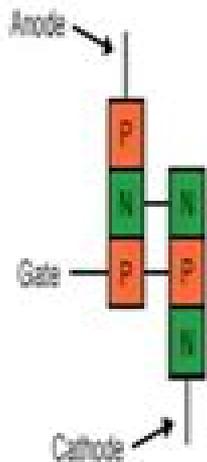
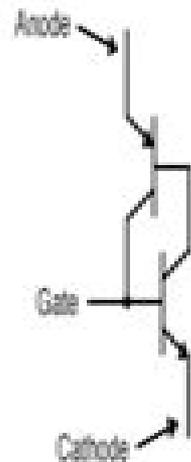


# Silicon Controlled Rectifier (Scr)

- Silicon Controlled Rectifiers (SCRs) are semiconductor devices known for managing high voltage and current
- SCRs have three terminals: an anode, cathode, and gate, with the gate controlling current flow
- They operate in various modes like forward blocking, forward conduction, and reverse blocking
- SCRs are utilized in power control, motor speed regulation, battery charging, inverters, and lighting
- Despite their advantages, care is required to manage voltage transients, gate control, and heat generation



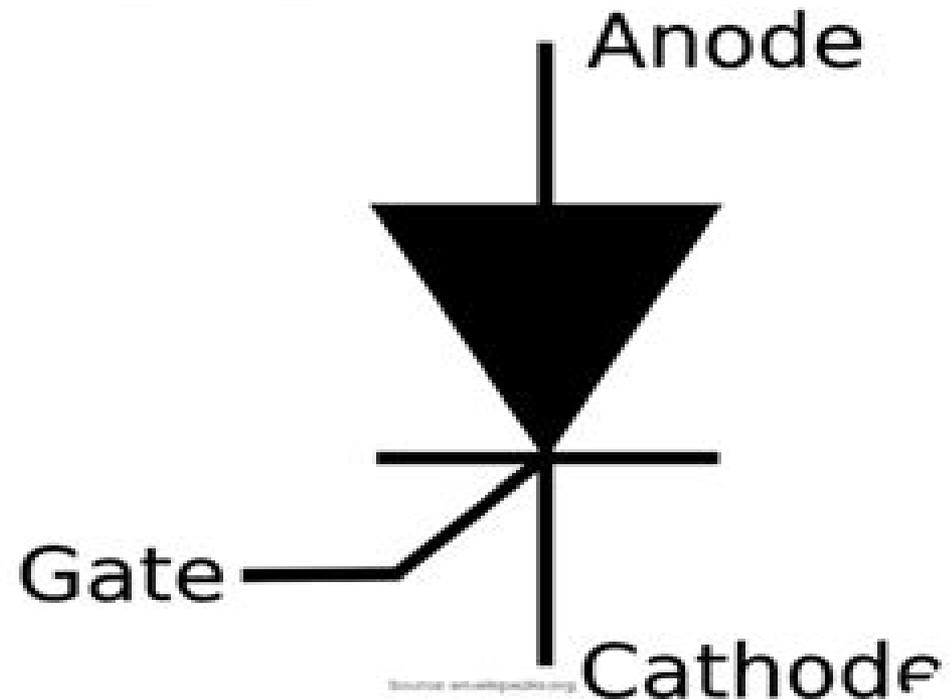
Physical diagram



Equivalent schematic



Schematic symbol



# Semiconductor Controlled Rectifiers

**JS Bruner**



## **Semiconductor Controlled Rectifiers:**

*Semiconductor Controlled Rectifiers* Finis Edward Gentry, 1964      **ABC's of Silicon Controlled Rectifiers** Allan Herbert Lytel, 1965      **Semiconductor Controlled Rectifiers: Principles and Applications of P-n-p-n Devices [by] F. E. Gentry [and Others].** ,      **Silicon Controlled Rectifiers** Allan Herbert Lytel, 1967      *Silicon Controlled Rectifier Manual* General Electric Company, 1967      *Silicon Controlled Rectifier Manual* General Electric Company. Rectifier Components Dept, 1979      **Official Gazette of the United States Patent Office** United States. Patent Office, 1967

**Electronic Methods** E. Bleuler, R. O. Haxby, 2013-10-22 *Methods of Experimental Physics Volume 2 Part A Electronic Methods* Second Edition focuses on techniques and experimental methods involving vacuum tube and solid state electronic devices and vacuum tube circuitry This volume consists of eight main topics passive linear circuit elements and networks semiconductor circuit elements vacuum tubes gas tubes rectifier circuits and power supplies amplifiers oscillators and nonlinear circuits In these topics this book specifically discusses the relations between time and frequency response devices employing bulk semiconductor properties Richardson Dushman equation and gas tube phenomena The full wave rectifiers with capacitive load vacuum tube and field effect transistor bias circuits and harmonic oscillators are also elaborated This text likewise covers the oscillators that use negative resistance devices field effect transistors and analog to digital A D converters This publication is a good source for physicists and students interested in techniques and methods involving electronic equipment      **Semiconductor Products Handbook** General Electric Company. Electronics Division, 1954

**Manuals Combined: 150+ U.S. Army Navy Air Force Marine Corps Generator Engine MEP APU Operator, Repair And Parts Manuals** , Over 36 000 total pages Just a SAMPLE of the CONTENTS by File Number and TM Number  
013511 TM 5 6115 323 24P 4 GENERATOR SET GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULAR FRAME 1 5 K SINGLE PHASE AC 120 240 V 28 VDC LESS ENGINE DOD MODELS MEP 015A 60 HZ NSN 6115 00 889 1446 AND DOD MODEL MEP 025A 28 VDC 6115 00 017 8236 TO 35C2 3 385 4 SL 4 07609A 07610A 013519 TM 5 6115 329 25P 1  
GENERATOR SET GASOLINE ENGINE DR LESS ENGINE 0 5 KW AC 120 240 V 60 HZ 1 PHASE DOD MODEL FSN 6115 923 4469 400 HZ MODEL MEP 019A 6115 940 7862 AN DC MODEL MEP 024A 6115 940 7867 TO 35C2 3 440 14 013537 TM 5 6115 457 12 7 GENERATOR SET ENGINE DRIVEN TACTICAL SKID MTD 100 KW 3 PHASE 4 WIRE 120 240 416 V DOD MODELS MEP 007A UTILITY CLASS 50 60 HZ NSN 6115 00 133 9101 MODEL MEP 106A PRECISE CLASS 50 60 H 6115 00 133 9102 MODEL MEP 116A PRECISE CLASS 400 KW 6115 00 133 9103 INCLUDING OPTIONAL KITS MODEL MEP 007 AWF WINTERIZATION KIT FUEL BURNING 6115 00 463 9082 MEP 007AWE WINTERIZATION KIT ELECTRIC 6115 00 463 9084 MODEL MEP 007A DUMMY LOAD KIT 6115 00 463 9086 AND MODEL MEP 007AWM WHEEL 013538 TM 5 6115 457 34 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID 100 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODELS MEPO UTILITY CLASS 50 60 HZ NSN 6115 00 133 9101 MODEL MEP106A CLASS 50 60 HZ 6115 00 133 9102

AND MODEL MEP116A PRECISE 400 HZ 6115 00 133 9103 INCLUDING OPTIONAL KITS DOD MODELS MEP007AWF WINTERIZATION KIT FUEL BURNING 6115 00 463 9082 MEP007AWE WINTERIZATION KIT ELECTRIC 6115 00 463 9084 MOD MEP007ALM DUMMY LOAD KIT 6115 00 463 9086 AND MODEL MEP007A MOUNTING KIT 6 013540 TM 5 6115 458 24P 9 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 2 KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD MODELS MEP009A UTILITY CLASS 50 60 HZ NSN 6115 00 133 9104 AND MODEL MEP108A PRECISE CLASS 50 60 HZ 6115 00 935 8729 INCLUDING OPTIONAL K DOD MODELS MEP009AWF WINTERIZATION KIT FUEL BURNING 6115 00 403 3761 MODEL MEP009AWE WINTERIZATION KIT ELECTRIC 6115 00 489 7285 013545 TM 5 6115 465 12 19 GENERATOR DIESEL ENGINE DRIVEN TACTICAL SKID MTD 30 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODEL MEP 005A UTILITY CLASS 50 6 NSN 6115 00 118 1240 MODEL MEP 104A PRECISE CLASS 50 60 6115 00 118 1247 MODEL MEP 114A PRECISE CLASS 400 HZ 6115 00 118 1248 INCLUDING AUXILIARY EQUIPMENT DOD MODEL MEP WINTERIZATION KIT FUEL BURNING 6115 00 463 9083 MODEL MEP WINTERIZATION KIT ELECTRIC 6115 00 463 9085 MODEL MEP 005A LOAD BANK KIT 6115 00 463 9088 AND MODEL MEP 005AWM WH 013547 TM 5 6115 465 34 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTIC SKID MTD 30 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MO MEP 005A UTILITY 50 60 HZ NSN 6115 00 118 1240 MODEL MEP 104A PRECISE 50 60 HZ 6115 00 118 1247 MODEL MEP 114 PRECISE 50 60 HZ 6115 00 118 1248 INCLUDING OPTIONAL KITS MODEL MEP 005AWF WINTERIZATION KIT FUEL BURNING 6115 00 463 MODEL MEP 005AWE WINTERIZATION KIT ELECTRIC 6115 00 463 908 MODEL MEP 005ALM LOAD BANK KIT 6115 00 463 9088 MODEL MEP WHEEL MOUNTING KIT 6115 00 013548 TM 5 6115 545 12 18 GENERATOR DIESEL ENGINE DRIVEN TACTICAL SKID MTD 60 KW 3 PHASE 4 WIR 120 208 AND 240 416 VOLTS DOD MODEL MEP 006A UTILITY CLASS 5 NSN 6115 00 118 1243 DOD MODEL MEP 105A PRECISE CLASS 50 60 6115 00 118 1252 DOD MODEL MEP 115A PRECISE CLASS 400 HZ 6115 00 118 1253 INCLUDING OPTIONAL KITS DOD MODEL MEP006AWF WINTERIZATION KIT FUEL BURNING 6115 00 407 8314 DOD MODEL MEP006AWE WINTERIZATION KIT ELECTRIC 6115 00 455 7693 DOD M MEP006ALM LOAD BANK KIT 6115 00 407 8322 DOD MODEL MEP006 013550 TM 5 6115 545 34 12 INTERMEDIATE FIELD DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE MANUAL FOR GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MTD 60 KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD MODELS MEP 006A UTILITY CLASS 50 60 HZ FSN 6115 118 1243 MEP 105A PRECISE CLASS 50 60 HZ 6115 118 1252 AND MEP 115A PRECISE CLASS 400 HZ 6115 118 1253 TO 35C2 3 444 2 NAVFAC P 8 626 34 TM 00038G 35 015378 TM 5 6115 323 14 10 GENERATOR GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULAR FRAME 1 5 KW SI PHASE AC 120 240 V 28 V DC LESS ENGINE DOD MODELS MEP 01 60 HZ NSN 6115 00 889 1446 AND MODEL MEP 025A 28 V DC 6115 00 017 8236 TO 35C2 3 385 1 015380 TM 5 6115 332 24P 3 GENERATOR GASOLINE ENGINE AIR COOLED 5 KW AC 120 240 V SINGLE PHASE 120 208 V 3 PHASE SKID MOUNTED TUBULAR FRAME LESS ENGINE M DESIGN 60 HZ DOD

MODEL MEP 017A NSN 6115 00 017 8240 400 DOD MODEL MEP 022A 6115 00 017 8241 TO 35C2 3 424 24 020611 LO 5 6115 457 12 GENERATOR SET DIESEL ENGINE DRIVEN SKID MTD 100 KW 3 PHASE 120 208 AND 240 416 V DOD MODELS MEP 007A UTILITY CLASS 50 NSN 6115 00 133 9101 MODEL MEP 106A PRECISE CLASS 50 60 H 6115 00 133 9102 AND MODEL MEP 116A PRECISE CLASS 400 HZ 6115 00 133 9103 020612 LO 5 6115 458 12 GENERATOR SET DIESEL ENGINE DRIVEN SKID MTD 200 KW 3 PHASE 4 WIRE 120 208 416 VOLTS DOD MODELS MEP 009A UTILITY CLASS 50 60 HERTZ NSN 6115 00 133 9104 MEP 108A PRECISE CLASS 50 HERTZ 6115 00 935 8729 LO 07536A 12 020614 LO 5 6115 465 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MOUNTED 30 3 PHASE 4 WIRE 120 206 AND 240 416 V DOD MODEL MEP 055A UT CLASS 50 60 HZ NSN 6115 00 118 1240 MODEL MEP 104A PRECI CLASS 50 60 HZ 6115 00 118 1247 AND MODEL 114A PRECISE CLA 400 HZ 6115 00 118 1248 025150 TM 5 6115 271 14 12 GENERATOR SET GASOLINE ENGINE DRIVEN S MTD TUBULAR FRAME 3 KW 3 PHASE AC 120 208 AND 120 240 V 2 DC LESS ENGINE DOD MODEL MEP 016A 60 HZ NSN 6115 00 017 823 MODEL MEP 016C 60 HZ 6115 00 143 3311 MODEL MEP 021A 400 HZ 6115 00 017 8238 MODEL MEP 021C 400 HZ 6115 01 175 7321 MODEL MEP 026A DC HZ 6115 00 017 8239 MODEL MEP 026C 28 V DC 6115 01 175 7320 TO 35C2 3 386 1 TM 05926A 14 NAVFAC P 8 6 025151 TM 5 6115 271 24P 3 GENERATOR SET GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULA FRAME 3 KW 3 PHASE AC 120 208 AND 120 240 VOLTS 28 VDC LE ENGINE DOD MODEL MEP 016A 60 HERTZ NSN 6115 00 017 8237 MEP 021A 400 HERTZ 6115 00 017 8238 MEP 026A 28 VDC HERTZ 6115 00 017 8239 MEP 016C 60 HERTZ 6115 01 143 3311 MEP 400 HERTZ 6115 01 175 7321 MEP 026C 28 VDC HERTZ 6115 01 175 7320 TO 35C2 3 386 4 SL 4 05926A 032507 TM 5 6115 275 14 10 GENERATOR SET GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULAR FRAME 10 KW AC 120 208V PHASE AND 120 240V SINGLE PHASE LESS ENGINE DOD MODELS MEP HZ NSN 6115 00 889 1447 AND MEP 023A 400 HZ 6115 00 926 08 NAVFAC P 8 615 14 TO 35C2 3 452 1 THIS ITEM IS INCLUDED ON EM 0086 EM 0088 D MEP 018A UTILITY CLASS 60 HZ NSN 6115 00 889 1447 AND MEP 0 PRECISE CLASS 400 HZ 6115 00 926 0843 NAVFAC P8 615 24P TO 35C2 3 452 4 THIS ITEM IS INCLUDED ON EM 0086 EM 0088 1 PHASE 3 WIRE 3 PHASE 4 WIRE 120 120 240 AND 120 208 V DOD MODEL MEP 002A UTILITY CLASS 60 HZ NSN 6115 00 465 1044 NAVFAC P 8 622 12 TO 35C2 3 456 1 TM 05682C 12 032640 TM 5 6115 585 12 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 10 KW 1 PHASE 2 WIRE 1 PHASE 3 WIRE AND 3 PHASE 4 WIRE 120 120 240 AND 120 208 V DOD MODEL MEP 003A UTILITY CLASS 60 HZ NSN 6115 00 465 1030 AND MODEL MEP 112A UTILITY CLASS 400 HZ 6115 00 465 1027 NAVFAC P 8 623 12 TO 35C2 3 455 1 TM 05684C 05685B 12 032781 TM 5 6115 584 34 8 GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MOUNTED 5 KW 1 PHASE 2 WIRE 1 PHASE 3 WIRE 3 PHASE 120 120 240 AND 120 208 V DOD MODEL MEP 002A UTILITY CLASS NSN 6115 00 465 1044 NAVFAC P 8 622 34 TO 35C2 3 456 2 TM 0568C 34 032936 TM 5 6115 329 14 4 GENERATOR SET GASOLINE ENGINE DRIVEN 0 5 KW LESS ENGINE DOD MODEL MEP 014 UTILITY CLASS 60 HZ NSN 6115 00 923 4469

DOD MODEL MEP 01 UTILITY CLASS 400 HZ 6115 00 940 7862 AND DOD MODEL MEP 024 UTILITY CLASS 28 VDC 6115 00 940 7867 TO 35C2 3 440 1 033374 TM 5 6115 332 14 10 GENERATOR SET TAC GASOLINE ENGINE AIR COOLED 5 KW AC 120 240 V SINGLE PHASE V 3 PHASE SKID MOUNTED TUBULAR FRAME LESS ENGINE MILITARY DOD MODEL MEP 017A UTILITY 60 HZ NSN 6115 00 017 8240 AND MODEL MEP 022A UTILITY 400 HZ 6115 00 017 8241 NAVFAC P 8 614 14 TO 35C2 3 424 1 033750 TM 5 6115 585 34 9 GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MOUNTED 10 KW 1 PHASE 2 WIRE 1 PHASE 3 WIRE 3 PHASE 4 WIRE 120 120 240 AND 120 208 VOLTS DOD MODEL MEP 003A UT CLASS 60 HZ NSN 6115 00 465 1030 NAVFAC P 8 623 12 TO 35C2 3 455 2 TM 05684C 05685B 34 034072 TM 5 6115 585 24P 5 GENERATOR SET DIESEL ENGINE DRIVEN TA SKID MTD 10 KW 1 PHASE 2 WIRE 1 PHASE 3 WIRE 3 PHASE 4 W 120 120 240 AND 120 208 V DOD MODELS 003A UTILITY CLASS 60 NSN 6115 00 465 1030 AND MODEL MEP 112A UTILITY CLASS 400 6115 00 465 1027 NAVFAC P 8 623 24P TO 35C2 3 455 4 SL 4 05684C 06585B 040180 TM 5 6115 584 12 HR HAND RECEIPT MANUAL COVERING END ITEM COMPONENTS OF END ITEM C BASIC ISSUE ITEMS BII AND ADDITIONAL AUTHORIZATION LIST AAL GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 5 KW 1 WIRE 1 PH 3 WIRE 3 PH 4 WIRE 120 120 240 AND 120 208 V D MEP 002A UTILITY CLASS 60 HZ NSN 6115 00 465 1044 040833 TM 5 6115 458 12 HR HAND RECEIPT MANUAL COVERING THE END ITEM COMPONENTS OF END ITE BASIC ISSUE ITEMS BII AND ADDITIONAL AUTHORIZATION LIST AA GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MOUNTED 20 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODEL MEP 009A UT CLASS 50 60 HZ NSN 6115 00 133 9104 AND DOD MODEL MEP 108A PRECISE CLASS 50 60 HZ 6115 00 935 8729 040843 TM 5 6115 593 34 GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MTD 500 KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD MODEL MEP 029A CLASS UTILITY 50 60 HZ NSN 6115 01 030 DOD MODEL MEP 029B CLASS UTILITY 50 60 HZ 6115 01 318 6302 INCLUDING OPTIONAL KITS DOD MODEL MEP 029AHK HOUSING KIT 6115 01 070 7550 DOD MODEL MEP 029ACM AUTOMATIC CONTROL MO 6115 01 275 7912 DOD MODEL MEP 029ARC REMOTE CONTROL MODULE 6110 01 070 7553 DOD MODEL MEP 029ACC REMOTE CONTROL CABLE 6110 01 087 4127 NAVFAC P 8 041070 TM 5 6115 593 12 GENERATOR SET ENGINE DRIVEN TACTICAL SKID MTD 500 KW 3 PHASE 4 WIRE 120 240 416 VOLTS DOD MODEL MEP 029A CLASS UTILITY HERTZ 50 60 NSN 6115 01 030 6085 MEP 029B UTILITY 50 60 6115 01 318 INCLUDING OPTIONAL KTS DOD MODELS MEP 029AHK NOMENCLATURE HOUS 6115 01 070 7550 MEP 029ACM AUTOMATIC CONTROL MODULE 6115 01 275 7912 MEP 029ARC REMOTE CONTROL MODULE 6110 01 070 7553 MEP 029ACC REMOTE CONTROL CABLE 6110 01 087 4127 TO 35C2 3 463 1 041338 LO 55 1730 229 12 POWER UNIT AVIATION MULTI OUTPUT GTED ELECTRICAL HYDRAULIC PNEUMATIC AGPU WHEEL MOUNTED SELF PROPELLED TOWABLE DOD MODEL MEP 360A CLASS PRECISE HERTZ 400 NSN 1730 01 144 1897 042791 TM 5 6115 457 12 HR HAND RECEIPT MANUAL COVERING THE BASIC ISSUE ITEMS BII FOR GE SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 100 KW 3 PHASE

120 208 AND 240 416 V DOD MODELS MEP007A UTILITY CLASS 50 6 NSN 6115 00 133 9101 MODEL MEP 106A PRECISE CLASS 50 60 6115 00 133 9102 AND MODEL MEP116A PRECISE CLASS 400 HZ 6115 00 133 9103 043437 TM 5 6115 593 24P 1 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MOUNTED 500 KW 3 PHA 4 WIRE 120 208 AND 240 416 VOLTS DOD MODEL MEP 029A UTILITY CL 50 60 HZ NSN 6115 01 030 6085 MEP 029B UTILITY CLASS 50 60 6115 01 318 6302 INCLUDING OPTIONAL KITS DOD MODEL MEP 029AHK HOUSING KIT 6115 01 070 7550 MEP 029ACM AUTOMATIC CONTROL MOD 6115 01 275 7912 MEP 029ARC REMOTE CONTROL MODULE 6110 01 070 7553 MEP 029ACC REMOTE CONTROL CABLE 6110 01 087 NAVFAC P 8 631 24P TO 35C2 3 463 4 044703 TM 5 6115 545 12 HR HAND RECEIPT MANUAL COVERING COMPONENTS OF END ITEM COEI BAS ITEMS BII AND ADDITIONAL AUTHORIZATION LIST AAL FOR GENERA DIESEL ENGINE DRIVEN TACTICAL SKID MTD 60 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODELS MEP 006A UTILITY CLASS 50 6 NSN 6115 00 118 1243 MODEL MEP 105A PRECISE CLASS 50 60 H 6115 00 118 1252 AND MODEL MEP 115A PRECISE CLASS 400 HZ 6115 00 118 1253 050998 TM 5 6115 600 12 8 GENERATOR DIESEL ENGINE DRIVEN TACTICAL SKID MTD 100 KW 3 PHASE 4 WIR 120 208 AND 240 416 V DOD MODEL MEP 007B CLASS UTILITY 50 60 NSN 6115 01 036 6374 INCLUDING OPTIONAL KITS DOD MODEL MEP00 WINTERIZATION KIT FUEL BURNING AND MEP007BWE WINTERIZATION KIT ELECTRIC 051007 TM 5 6115 600 24P 4 GENERATOR SET DIESEL ENGINE DRIVEN 100 KW 3 PHASE 4 WIRE 120 208 AND VOLTS DOD MODEL MEP 007B UTILITY CLASS 50 60 HZ NSN 6115 01 036 6374 INCLUDING OPTIONAL KITS DOD MODEL MEP007BWF WINTERIZATION KIT FUEL BURNING AND MEP007BWE WINTERIZATION KIT ELECTRIC TO 35C2 3 442 14 NAVFAC P 8 628 24P SL 4 07464B 057268 LO 5 6115 600 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 100 KW PHASE 4 WIRE 120 208 AND 240 416 V DOD MODEL MEP007B CLASS UTILITY 50 60 HZ NSN 6115 01 036 6374 057513 LO 5 6115 604 12 GENERATOR SET DIESEL ENGINE DRIVEN AIR TRANSPORTABLE SKID MT 750 KW 3 PHASE 4 WIRE 2400 4160 AND 2200 3800 VOLTS DOD MOD MEP208A CLASS PRIME UTILITY HZ 50 60 NSN 6115 00 450 5881 LI 6115 12 9 060183 TM 5 6115 612 24P 6 GENERATOR SET AVIATION GAS TURBINE ENGINE DRIVEN INTEGRA TRAILER MOUNTED 10KW 28 VOLTS MODEL MEP 362A PRECISE DC NSN 6115 01 161 3992 TM 6115 24P 1 AG 320B0 IPE 000 TO 35C2 3 471 4 060188 TM 5 6115 612 34 4 GENERATOR SET AVIATION GAS TURBINE ENG DRIVEN INTEGRAL TRAILER MOUNTED 10KW 28 VOLTS DOD MODEL MEP 36 PRECISE DC NSN 6115 01 161 3992 AG 320BO MME 000 TM 6115 TO 35C2 3 471 2 060645 LO 5 6115 612 12 AVIATION GENERATOR SET GAS TURBINE ENGINE DRIVEN INTEGRAL TR MOUNTED 10KW 28 VOLTS DC DOD MODEL MEP 362A CLASS PRECISE NSN 6115 01 161 3992 060921 TM 55 1730 229 34 5 POWER UNIT AVIATION MULTI OUTPUT GTED ELECTRICAL HYDRAULIC PNEUMATIC AGPU WHEEL MOUNTED SELF PROPELLED TOWA AC 400HZ 3PH 0 8 PF 115 200V 30 KW DC 28VDC 700 AMPS PNEUMATIC 60 LBS MIN AT 40 PSIG HYDRAULIC 15 GPM AT 3300 PS DOD MODEL MEP 360A CLASS PRECISE 400 HERTZ NSN 1730 01 144 AG 320A0

MME 000 TO 35C2 3 473 2 TM 1730 34 1 060922 TM 55 1730 229 12 8 POWER UNIT AVIATION MULTI OUTPUT GTED ELECTRICAL HYDRAULIC PNEUMATIC AGPU WHEEL MOUNTED SELF PROPELLED TOWABLE AC 400HZ 3PH 0 8 PF 115 200V 30 KW DC 28 VDC 700 AMPS PNEUMATIC 60 LBS M AT 40 PSIG HYDRAULIC 15 GPM AT 3300 PSIG DOD MODEL MEP 360A CLASS PRECISE HERTZ 400 NSN 1730 01 144 1897 AG 320A0 OMM OOO TO 35C2 3 473 1 TM 1730 12 1 061758 LO 5 6115 614 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 200 KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS MODEL MEP009B UTILI 50 60 HERTZ NSN 6115 01 021 4096 061772 LO 5 6115 622 12 GENERATOR SET DIESEL ENGINE DRIVEN WHEEL MOUNTED 750 KW 3 PH 4 WIRE 2200 3800 AND 2400 4160 VOLTS CUMMINS ENGINE COMPANY IN MODEL KTA 2300G 2 DOD MODEL MEP 012A CLASS UTILITY HERTZ 062762 LO 5 6115 615 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MOUNTED 3 K MODEL 016B CLASS UTILITY MODE 50 60 HZ NSN 6115 01 150 4140 DOD MODEL MEP 021B CLASS UTILITY MODE 400 HZ 6115 01 151 812 DOD MODEL MEP 026B CLASS UTILITY MODE 28 VDC 6115 01 150 036 LI 05926B 06509B 12 5 P 8 646 LO 064310 TM 5 6115 626 14 TM 1730 24P AG 320A0 IPB 000 065603 TB 5 6115 593 24 WARRANTY PROGRAM FOR GENERATOR SET DOD MODEL MEP 029A HOUSING K DOD MODEL MEP 029AHK 066727 TM 5 6115 640 14 2 MEP 005A 30 KW 60 HZ GEN SETS 2 M200A1 2 WHEEL 4 TIRE MODIFIED TRAILERS 066809 TM 5 6115 630 14 MEP 104A PRECISE 50 60 HERTZ 6115 00 118 1247 MEP 114A PRECISE 400 HERTZ 6115 00 118 INCLUDING AUXILIARY EQUIPMENT MEP 005AWF WINTERIZATION KIT FUE BURNING 6115 00 463 9083 MEP 005AWE WINTERIZATION KIT ELEC 6115 00 067310 TM 9 6115 650 14 DOD MODEL MEP 104A 6115 00 118 1245 DOD MODEL MEP 113A 6115 00 118 1244 069954 TM 9 6115 465 24P 2 GENERATOR SET DIESEL ENGINE DRIVE TACTICAL SKID MTD 30KW 3 PHASE 4 WIRE 120 208 AND 240 416 V MODELS MEP 005A UTILITY 50 60 HZ NSN 6115 00 118 1240 MEP 104A PRECISE 50 60 HZ 6115 00 118 1247 MEP 114A PRECISE 400 H 6115 00 118 1248 INCLUDING OPTIONAL KITS DOD MODELS MEP 00 WINTERIZATION KIT FUEL BURNING 6115 00 463 9083 MEP 005 AW WINTERIZATION KIT ELECTRIC 6115 00 463 9085 MEP 002 ALM L BANK KIT 6115 00 463 9088 MEP 005 AWM WHEEL MOUNTING KIT 6115 00 463 9094 TO 35C2 3 070096 TM 9 6115 464 24P 1 GENERATOR S DIESEL ENGINE DRIVEN TACTICAL SKID MTD 15KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD MODEL MEP 004A UTILITY CLASS 50 60 HERTZ NSN 6115 00 118 1241 DOD MODEL MEP 103A PRECISE CLASS 50 60 HERTZ 6115 00 118 1245 DOD MODEL MEP 113A PRECI CLASS 400 HERTZ 6115 00 118 1244 INCLUDING OPTIONAL KITS DOD MODEL MEP 005 AWF WINTERIZATION KIT FUEL BURNING 6115 00 463 DOD MODEL MEP 005 AWE WINTERIZATION KIT ELECTRIC 6615 00 46 DOD MODEL MEP 004 ALM LOAD BANK KIT 6115 00 191 9201 071025 TM 9 6115 641 10 2 GENERATOR SET SKID MOUNTED TACTICAL QUIET 5 KW 60 AND 400 HZ MEP 802A 60 HZ NSN 6115 01 274 7387 MEP 812A 400 HZ 6115 01 274 7391 TO 35C2 3 456 11 071026 TM 9 6115 642 10 2 GENERATOR SET SKID MOUNTED TACTICAL QUIE 10 KW 60 AND 400 HZ MEP 803A 60 HZ NSN 6115 01 275 5061 MEP 813A 400 HZ 6115 01

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MeV protons on various types of silicon single junction and silicon controlled rectifiers were investigated The results show  
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differences noted between single junction rectifiers of the same type made by different manufacturers which emphasizes the  
need for better selection of devices used in spacecraft Silicon Controlled Rectifier Hobby Manual General Electric  
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