Tactical Generators

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Agenda

• Current Family of Equipment
• Recent Additions
• Supporting Efforts
• Equipment Buys and Deliveries
Family of Mobile Electric Power

2KW 60HZ MEP-531A TAMCN B0980
3KW 60HZ MEP-16B TAMCN B0730
3KW 60HZ MEP-831A TAMCN B0730
10KW 60HZ MEP-003A TAMCN B0891
10KW 60HZ MEP-803A TAMCN B0891
10KW 400HZ MEP-813A TAMCN B0921
20KW 60HZ MMG-25 TAMCN B0930
30KW 60HZ MEP-005A TAMCN B0953
30KW 400HZ MEP-114A TAMCN B0971
30KW 60HZ MEP-805A/B TAMCN B0953
30KW 400HZ MEP-815A/B TAMCN B0971
60KW 60HZ MEP-006A TAMCN B1021
60KW 400HZ MEP-115A TAMCN B1016
60KW 60HZ MEP-806A/B TAMCN B1021
60KW 400HZ MEP-816A/B TAMCN B1016
100KW 60HZ MEP-007A/B TAMCN B1045
100KW 60HZ MEP-807A TAMCN B1045

ITEMS IN RED ARE AT, OR BEYOND, THE END OF THEIR LIFE CYCLE AND ARE BEING REPLACED
Recent Addition – B0980

Technical / Performance Data

- **Model:** MEP-531A Military Tactical
- **Weight:** 152 lbs (wet)
- **Fuel:** Diesel & JP-8
- **Noise:** 79dBA @7m
- **Starting:** Manual and Slave Start
- **Fuel Usage:** 0.33 gph
- **Dimensions:** 30" L x 16" W x 22" H
- **Output:** 2 kW @ 120 VAC, Single Phase, 60Hz
- **Transport:** Man-Portable
- **Acquisition:** Currently being fielded

General usage for this item is for remote security lighting and to replace commercial man-portable sub 2kw units already in use.

Currently 455 sets have been received.

36 for MARFORRES, 83 in support of the UOC program and 197 for Operating Force units.
Recent Addition – B0930

Technical / Performance Data

• Model: MMG25 (USMC Configuration)
• Weight: 2200 lbs. (wet)
• Fuel: Diesel & JP-8
• Noise: 65 dBA @23 ft.
• Starting: Electric
• Fuel Usage: 2.1 gph
• Dimensions: 77" L x 35" W x 52" H
• Output: 22 kW 120/208, Three Phase
• Transport: HMMWV towable (M-116 / LTT-MCC)
• Acquisition: Continued purchase by MARCORSYSCOM
• Support: Direct Vendor support for supply

This unit was originally purchased based off an Urgent Needs Statement from OIF. The equipment was brought into the inventory specifically to support the TRC-170.

Currently 74 sets are in Iraq, 6 in MARFORRES, 20 at III MEF, 28 at II MEF and 26 at I MEF.

A full O & I level military TM with cataloged (NSN assigned) parts is under development and is scheduled for completion by the end of April 07.
Recent Addition – B1045

Technical / Performance Data

• Model: MEP-807A
• Weight: 5860 lbs.
• Fuel: Diesel & JP-8
• Noise: 72dBA @7m
• Starting: Electric
• Fuel Usage: 7.85 gph
• Dimensions: 106" L x 40" W x 65“ H
• Output: 100 kW @ 120/208/240/416 VAC
• Transport: MTVR new trailer, LVS
• Acquisition: Fielding began in 2006

USMC received its first sets in April 06 and were used to meet a critical MPF Shortfall.
22 sets were fielded to II MEF in November 2006. The first 7 of 50 sets for I MEF are here now.
All MEFs will receive some sets and New Equipment Training before the end of FY07.
380 sets have been purchased 190 sets will be delivered to the USMC before the end of CY07.
72 of the sets were purchased by PM-Engineers to support the new Containerized Batch Laundry System
Supporting Efforts

- Field Service Representatives (FSR) within each MEF and forward deployed to Iraq.

- MARCORSYSCOM funded Training FSR based at Marine Corps Engineer School (MCES).

- Inclusion of MCES and Operating Forces personnel in equipment demonstrations and evaluations.

- Enhanced New Equipment Training (NET) with follow on training available.
Equipment Buys – PEI Rotation

- $91M in equipment buys in FY05, FY06 and FY07.
- 618 - 3kW, 60hz sets
- 1453 - 10kW, 60hz sets
- 39 - 10kW, 400hz sets
- 134 - 22kW, 60hz sets
- 1139 - 30kW, 60hz sets
- 13 – 30kW, 400hz sets
- 444 - 60kW, 60hz sets
- 22 - 60kW, 400hz sets
- 380 - 100kW, 60hz sets
# Major Deliveries

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This table shows major equipment deliveries only. Smaller shipments will arrive. Information on equipment availability is available from the Project Officer or Equipment Specialist. Because of the need to Reset the Force and Principle End Item (PEI) rotation requirements, most equipment purchase are being directed to Albany. All using units, regardless of location, will still have backorders filled as equipment becomes available.
Fielding Issues

• New generators replace old hardware; get rid of the old.
• Ensure you factor new equipment into your embark & pre-deployment plans.
• Ensure your Marines get trained.
• Submit TOECRs via TFSMS to change allowances.
IF NOTHING ELSE, REMEMBER THIS:

- New equipment is continuously arriving.
- Ensure your backorders are submitted properly.
- Contact the Material Manager or Equipment Specialist at Albany if you are not receiving the replacements you need.
- Contact your FSR for technical assistance or remedial training.
Questions ?