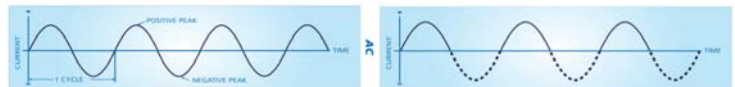


## M-2040 MOBILE POWER PACK



Cables Required for Operation. Cables Sold Separately.



### GENERAL DESCRIPTION

Magnaflux® understands some parts cannot be moved so the magnetizing station needs to be brought to the part. The M Series offers a solution by providing an adaptable mobile unit. These units feature AC or Half Wave DC output. Output rating is based on Load Specified.

### BENEFITS

- Ability to easily move the unit to the part for inspection
- Convenient hook on back side of unit to wrap cables after use, saves space as well as keeps cables lasting longer without being dragged along the floor when moved.

### EXTERIOR

- Digital Meter Display
- Two Bus Bars for Connection
- Push button Switch for AC output
- Push button Switch for HWDC output
- Push button Switch for Mag
  - Momentary—magnetizes as long as button is pushed
- Push button Switch for Demag
  - One touch auto cycle
  - Switches to decaying AC automatically
- Push button Switch for power on/off
- Push button Switch for pulse
  - ½ sec on, 3 sec off for 30 sec
- Infinitely variable current control

- Two (2) fixed heavy-duty casters
- Two (2) swivel casters with locks
- Lift brackets for extra unit mobility
- 115 Volt Convenience Outlet (10 amp)

### INTERIOR

- Thermal Overload for circuitry protection
- PLC Circuitry for extra reliability
- Secondary Current Control
- Flow through cooling for heat dissipation
- Solid State Switching (AC to HWDC)

### SPECIFICATIONS

- Output: 4000 amps AC and HWDC magnetizing current
- Output rated with 30' total 4/0 cable
- Dimensions: 46" L x 23" W x 39" H
- Weight: 780 lbs.
- Available Voltages: 230, 380, 415, 460, 575, 50 or 60 hertz, single phase power
- 7% Duty Cycle (maximum output with 1/2 minute ON time)

### ACCESSORIES

- Fifteen foot, 4/0 cable w/ lugs at both ends (Part Number 11306)
- Fifteen foot, 4/0 cable w/either end at one end and lug at the other end (Part Number 11307)
- Either end to lug adapter (Part Number 1574)
- Spring-loaded contact clamp (Part Number 1865A)
- Standard Prod Set (Part Number 622088)
- Dual Vertical Prod Assembly (Part Number 622085)

### UNIT OUTPUT COMPARISON CHART

UNIT	OUTPUT*	TERMINALS	RATED LOAD
M-2040	4,000 Amps AC/HWDC	Bus Bar	30' of 4/0 Cable
M-2060	6,000 Amps AC/HWDC	Bus Bar	30' of DOUBLE 4/0 Cable
<b>M-2030 FOR LONG CABLE OUTPUT</b>	3,000 Amps AC/HWDC	Bus Bar	90' of 4/0 Cable
Dimensions: 46"L x 23"W x 39"H			
Weight: 780 lbs.			
<p><b>*Output rating is based on Load Specified</b>  <b>Note: M-2030 FOR LONG CABLE OUTPUT</b> is designed for applications in which the power source cannot be close to the inspection piece. This unit is designed to work with long cable lengths necessary for inspecting large parts (i.e. power generator parts).</p>			