

M-2030, M-2040, M-2060

DISTRIBUE PAR / DISTRIBUTED BY:

QUEBEC	ONTARIO	ALBERTA
164, St-Jean-Baptiste Montréal, QC J4R 2C2 450-691-9090 info@qn.de.ca	275, Sheldon Drive, Unit 3 Cambridge, ON N1T 1A3 519-894-9089 nadams@qn.de.ca	7307, 50 street NW Edmonton, AB T6B 2J9 587-889-8811 fields@qn.de.ca

QNDE
QUALITY NDE LTD

www.qn.de.ca 1-800-361-3630

Mobile Power Pack

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 the load specified.

The M-2030 for long cable output 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).

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

STANDARD FEATURES

- Digital meter display
- 2 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
- 2 fixed heavy-duty casters
- 2 swivel casters with locks
- Lift brackets for extra unit mobility
- 115 Volt convenience Outlet (10 amp)
- 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)
- 7% Duty cycle (maximum output with 1/2 minute ON time)



PRODUCT PROPERTIES

Unit	M-2030	M-2040	M-2060
Magnetizing Current Capacity	Single Phase AC HWDC 3,000 A	Single Phase AC HWDC 4,000 A	Single Phase AC HWDC 6,000 A
Available Voltages	380, 415, 460, 575 V	230, 380, 415, 460, 575 V	380, 415, 460, 575 V
Rated With	90' of 4/0 cables	30' of 4/0 cables	Two 30' of 4/0 cables in parallel
Footprint	46" L x 23" W x 39" H		
Part Weight	780 lbs		
Available Frequencies	50 or 60 Hz		

ACCESSORIES AND RELATED PRODUCTS

- 15 feet, 4/0 cable w/ lugs at both ends (Part Number 626350-180)
- Spring-loaded Contact Clamp (Part Number 1865A)
- Standard Prod Set (Part Number 622088)

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