

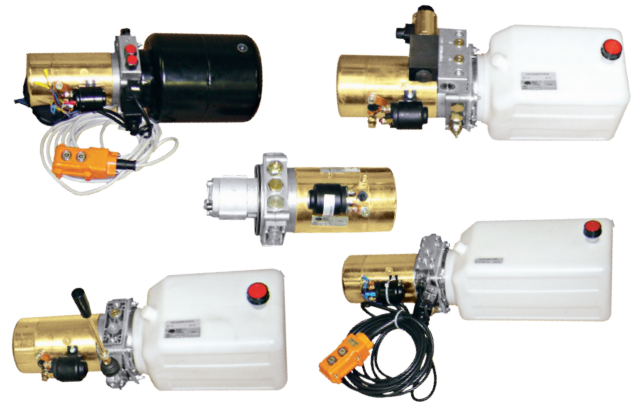
DC POWER PACKS

RELIABLE, QUALITY PERFORMANCE



COMPLETE COMPACT HYDRAULIC SYSTEMS

Experience reliable, quality performance with Muncie Power Products line of DC power packs. Featuring motors available in 12VDC and 24VDC, our DC power packs can be used for numerous applications including dump bodies, single-acting cylinders and lift gates. With custom circuits and standard models available, the DC power pack allows for individual selection depending on your product and application needs.



KEY FEATURES

- Standard pre-packaged or custom assemblies
- SAE O-Ring porting
- Horizontal (standard) or vertical mounting
- 60 micron suction line strainer & 40 micron breather cap standard
- Optional polyethylene motor cover, mounting brackets and flow controls
- Steel (5 sizes from 2.1 qt./2L to 15.8 qt./15L) or translucent polyethylene (1.5 qt./1.4L to 10.5 qt./10L) reservoirs
- 12VDC and 24VDC motors with thermal overload protection standard
- Large selection of directional valve choices
- 6 pump sizes from .061 cu.in./1.0cc to .192 cu.in./3.15cc
- Two-button corded control or manual hand valve operators

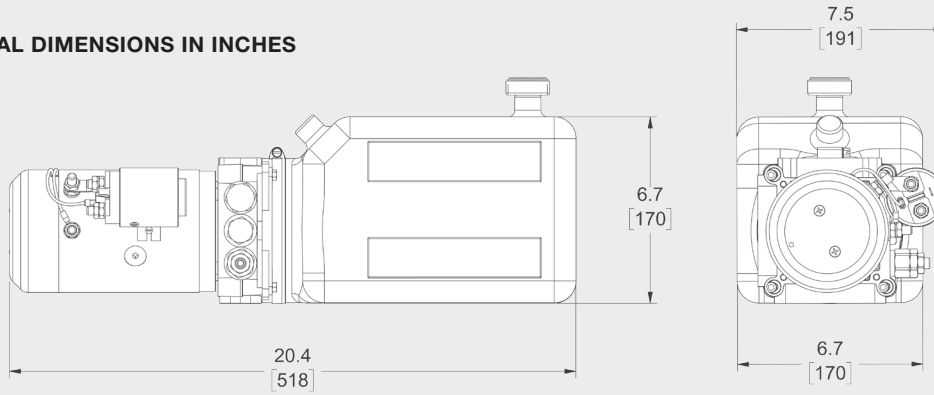
DC POWER PACK STANDARD ASSEMBLIES

PART NUMBER	TYPE APPLICATION	DESCRIPTION
LP1A-0HXX06-000-A	Auxiliary Power Supply	No reservoir, no check, no relief valve, motor relay
LP1A-2HPJ06-000-A*	Auxiliary Power Supply	Reservoir, incl. check and relief valve, manifold (will accept NFPA-D03 directional valves*), has 6 ODT ports
LP1A-2HPF06-100-C	Snow Plow (basic)	Plow up/down, left/right, PO checks, 4-button electrical control, crossover relief valves, 1.5 qt. poly reservoir
LP1A-3HPJ06-020-C	SA Cylinders	2-Pos. 3-way, incl. check, relief valve, corded control
LP1A-3HPJ06-060-M	Lift Gate (SA Cylinder)	2-Pos. 3-way, incl. check, relief valve, man. hand control
LP1A-4HPJ06-000-C	DA Cylinders	2-Pos. 4-way, incl. check, relief valve, corded control
LP1A-4HPJ06-020-C	Bale Spike (DA Cylinder)	2-Pos. 4-way, incl. check, relief valve, port relief checks, corded control
LP1A-4HPJ06-040-M	DA Cylinders (man.)	3-Pos. 4-way, incl. check, relief valve, manual hand control
LP1A-4HPK06-100-C	DA Dump Body	3-Pos. 4-way, incl. check, relief valve, port relief valve, cord control, 8.5 qt. poly
LP1A-1VPL06-000-A*	Auxiliary Power Supply	10.5 qt. poly reservoir, incl. check, relief valve, and valve enclosure, vertical mounting

*Valve port blocks sold separately (1 required per add on valve). Maximum 3 valves on enclosure style. NFPA-D03 valves sold separately. Multiple function.

DIMENSIONS

TYPICAL DIMENSIONS IN INCHES



Shown as horizontal mount with 5.3 qt. poly reservoir.

Optional Components to Consider:

- Mounting brackets
- Pressure compensated flow control
- Polyethylene cover

MODEL NUMBER CONSTRUCTION

LP 1 A-4 H P J 06-000 C

DC Power Pack: _____

Design Number: _____

Motor - 12VDC: _____

Function:

- 0 = Pump/Motor only
- 1 = Pump/Motor/Reservoir/Enclosure
Use mounting position V
- 2 = Pump/Motor/Reservoir/Manifold Mounting.
*Pad for multiple functions**
- 3 = Pump/Motor/Reservoir/3-way
- 4 = Pump/Motor/Reservoir/4-way
**Mounting plates & valves sold separately, unless included in assembly code.*

Mounting Position:

- H = Horizontal (standard)
- V = Vertical (5.3 & 8.5 qt. poly only)

Reservoir Type:

- S = Steel
- P = Polyethylene (standard)
- X = None

Operator Controls:

- A = No controls
- C = Corded electric control (2-button)
- M = Manual control

Assembly Code:

- 000 = Number increments for variations (i.e.: 020, 021, 040, 041, etc.)

Pump Size

- 03 = 1.00cc/.061 cu.in.
- 04 = 1.25cc/.076 cu.in.
- 05 = 1.60cc/.097 cu.in.
- 06 = 2.00cc/.122 cu.in. (standard)
- 07 = 2.50cc/.152 cu.in.
- 08 = 3.15cc/.192 cu.in.

Reservoir Size:

- X = None
Note: 4 qts. = 1 Gal/3.78L
- Steel (Type S)
 - A = 2.1 qt.(2L)
 - B = 4.2 qt.(4L)
 - C = 8.4 qt.(8L)
 - D = 10.5 qt.(10L)
 - E = 15.8 qt.(15L)
 - S = 8.4 qt.(8L)
(6.7 in. diameter)
- Polyethylene (Type P)
 - F = 1.5 qt.(1.4L)
 - H = 3.2 qt.(3.0L)
 - J = 5.3 qt.(5L) - standard
 - K = 8.5 qt.(8L)
 - L = 10.5 qt. w/enclosure
(Function Type 1 only)

Note: Approximate weight is 32 lbs. (14.5 Kg) with standard 5.3 qt. poly reservoir. Add 10 lbs. (4.5 Kg) for largest 15.8 qt. steel reservoir.