

# 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, 24VDC, and 120VAC, 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 and 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 (5 sizes from 1.5 qt./1.4L to 10.5 qt./10L) reservoirs
- 12VDC, 24VDC, and 120VAC motors with thermal overload protection standard
- Large selection of directional valve choices
- 6 pump sizes from .061 cu.in./1.0 cc to .192 cu.in./3.15 cc
- Two-button corded control or manual hand valve operators

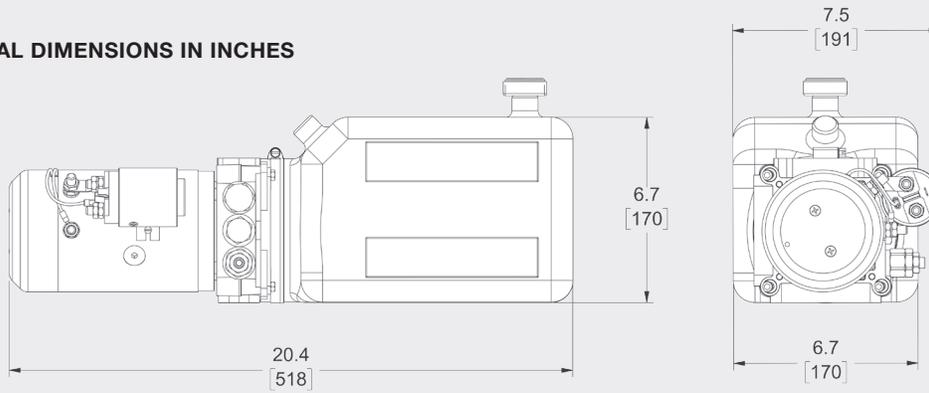
### DC POWER PACK STANDARD ASSEMBLIES

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, includes 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, includes check, relief valve, corded control
LP1A-3HPJ06-060-M	Lift Gate (SA Cylinder)	2-Pos. 3-way, includes check, relief valve, manual hand control
LP1A-4HPJ06-000-C	DA Cylinders	2-Pos. 4-way, includes check, relief valve, corded control
LP1A-4HPJ06-020-C	Bale Spike (DA Cylinder)	2-Pos. 4-way, includes check, relief valve, port relief checks, corded control
LP1A-4HPJ06-040-M	DA Cylinders (Manual)	3-Pos. 4-way, includes check, relief valve, manual hand control
LP1A-4HPK06-100-C	DA Dump Body	3-Pos. 4-way, includes check, relief valve, port relief valve, cord control, 8.5 qt. poly.
LP1A-1VPL06-000-A*	Auxiliary Power Supply	10.5 qt. poly. reservoir, includes check, relief valve, and valve enclosure, vertical mounting

**Note:** \*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**

### Motors

- A – 12 VDC Intermittent
- B – 24 VDC Continuous
- C – 24 VDC Intermittent
- D – 24 VDC Continuous
- E – 120 VAC Intermittent
- F – 120 VAC Continuous

### Functions

- 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 Positions

- H – Horizontal (Standard)
- V – Vertical (5.3 & 8.5 qt. Poly. Only)

### Reservoir Types\*\*

- S – Steel
- P – Polyethylene (Standard)
- X – None

### Notes:

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.

\* Mounting plates & Valves sold separately, unless included in assembly code.

### Operator Controls

- A – No Controls
- C – Corded Electric Control (2-button)
- M – Manual Control

### Assembly Codes

- 000 – Number Increments for Variations  
*(i.e., 020, 021, 040, 041, etc.)*

### Pump Sizes

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

### Reservoir Sizes

X – None

#### 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. (10L) w/Enclosure  
*(Function Type 1 Only)*



A Member of the Interpump Group

MP16-04 (Rev. 12-23)

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