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**ION**  
*Technologies*

A division of Metropolitan Industries, Inc.



# 55ACi+

## Battery Backup System

- Fully automatic auxiliary power source
- Backup system runs on AC or DC power
- Runs the same ½ HP pump in AC or DC mode
- Ion+® digital level control sensor with integrated alarms



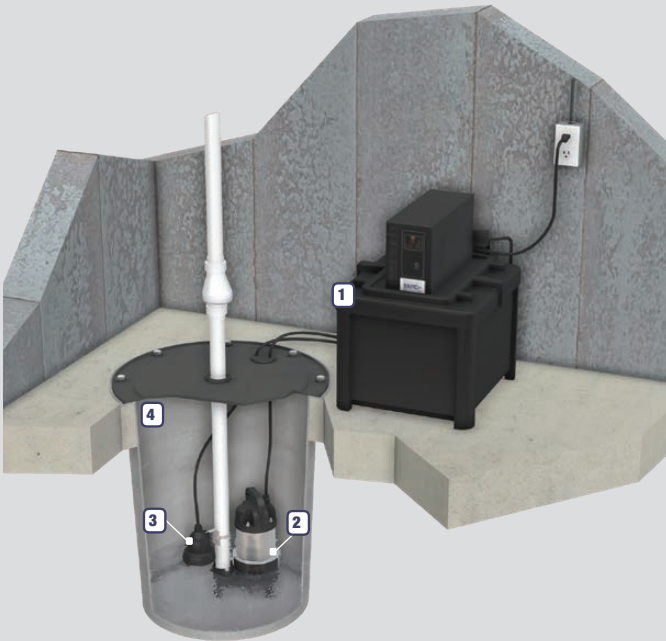
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Patents Pending, Patent No. 8,591,198

# 55ACi+

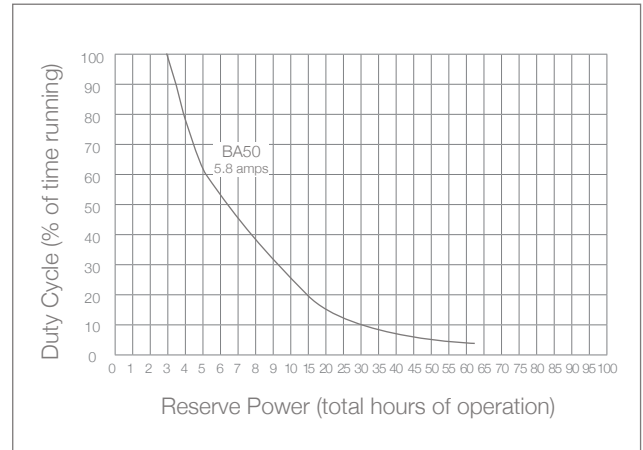
## Battery Backup System

### Typical Installation Diagram

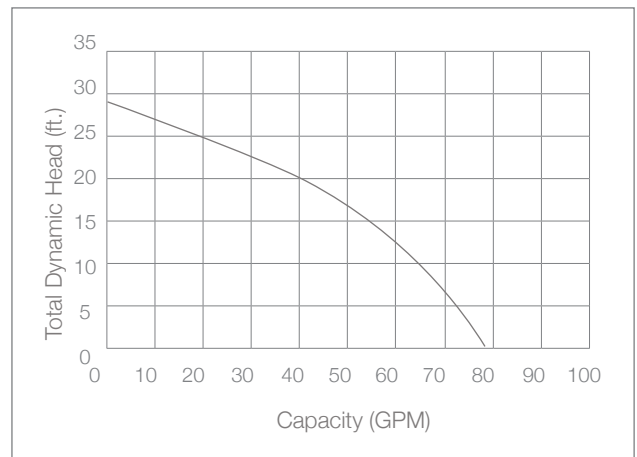


1. Battery box with inverter
2. Ion<sup>®</sup> StormPro<sup>®</sup> sump pump
3. Ion+<sup>®</sup> digital level control/alarm sensor
4. Recommended minimum basin size:  
18" x 24" (not included)

### System Performance



### Pump Performance



### System Specifications

- ½ HP pump with PSC, energy efficient motor: 5.8 amps
- Up to 78 GPM
- Fully automatic, converts 24 volt DC to 120 volt AC when utility power is lost
- Runs ½ HP pump on AC or DC power
- Inverter has digital display, tells status of system at all times
- Requires two 12 volt deep cycle AGM batteries (batteries are NOT included)
- Non-corrosive battery enclosure
- Includes piggyback Ion+<sup>®</sup> digital level control/alarm sensor with no moving parts
  - Built-in alarm and monitoring system with Power, System and High Water LEDs and audible alarm
  - Dry contacts to connect to a monitoring device via an RJ11 connection
  - Rated at 2 million cycles, it will last 4 times longer than a standard pump switch
- Quick and easy installation
- 3 year warranty