



# 50ACi Deluxe

## Battery Backup System

- Fully automatic auxiliary power source
- Backup system runs on AC or DC power
- Runs the same ½ HP pump with power on or off
- Ion Genesis® controller monitors all pump activity
- Full digital display
- Ion® digital level sensors have no moving parts



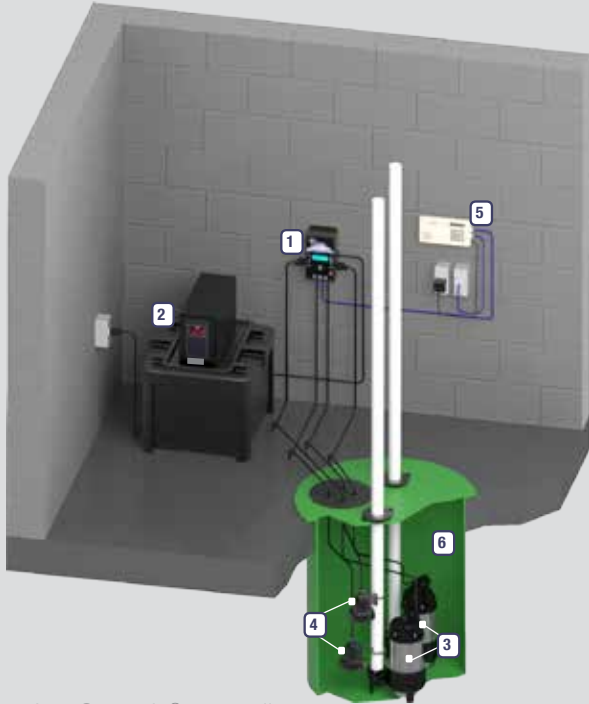
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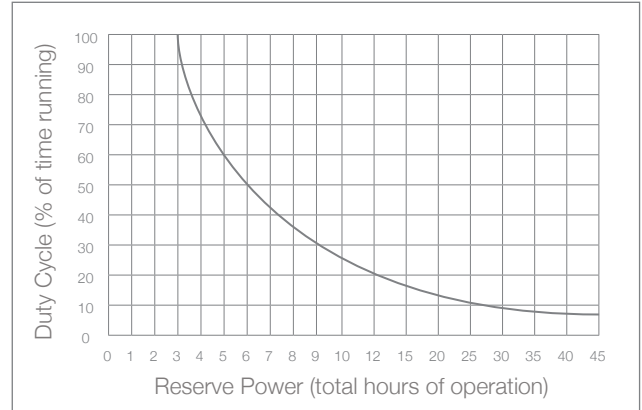
## Battery Backup System

### Typical Installation Diagram

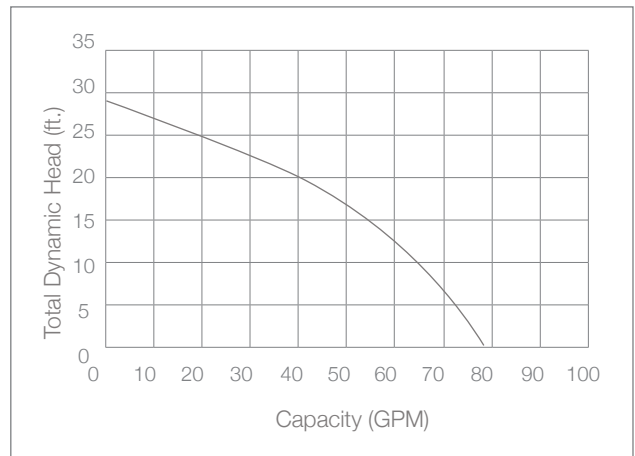


1. Ion Genesis® controller
2. Battery box with inverter
3. Ion® StormPro® sump pumps
4. Ion® digital level control sensors
5. Optional phone dialer
6. Recommended minimum basin size: 18" x 24" (not included)

### 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 power is off
- Ion Genesis® controller alternates each pump and alarms
- Runs ½ HP pump on AC or DC power
- Inverter has digital display, tells status of system at all times
- Uses two 12 volt deep cycle AGM batteries (batteries are NOT included)
- Non-corrosive battery enclosure
- Includes piggyback Ion® digital level control sensors with no moving parts
  - First of its kind solid-state sensing technology with no moving parts
  - Multipoint sealing mechanism that supersedes single surface seals
  - Rated at 2 million cycles, it will last 4 times longer than a standard pump switch
- Quick and easy installation
- 3 year warranty

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