

# Ion<sup>®</sup> 55ACi Deluxe

## Dual Pump Battery Backup AC System

Patents Pending,  
Patent No. 8,591,198, 9,033,686, 9,680,401,  
8,907,789, and 9,958,878



1/2  
HP

Two 1/2 HP stainless steel sump pumps for everyday primary use with multiple safeguards for minimizing service disruptions from mechanical failure or power loss.



Alternates between both pumps with the added benefits of redundancy, automatic auxiliary AC power supply, key activity monitoring, and an integrated alarm.



Runs on AC power from utility supply or converted battery power reserved for emergency backup (two 12-volt Power+ AGM batteries required, purchased separately).

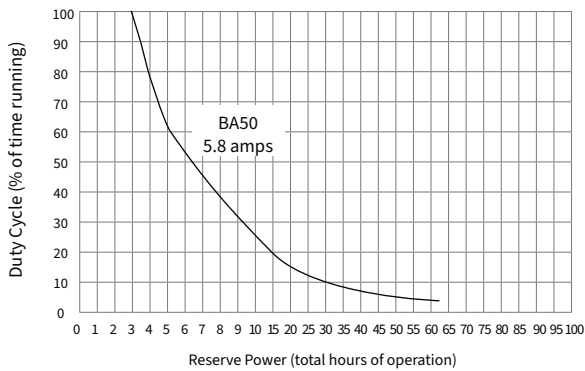
65  
GPM\*

Maintains full performance as each pump individually operates from either AC power source, with a steady pumping capacity rated at 65 GPM (\*at 10' of head).

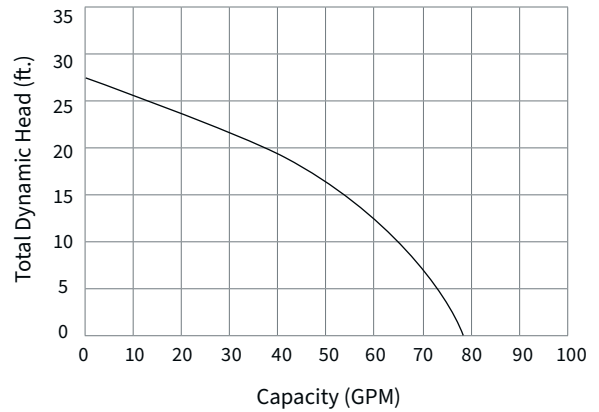


The Ion Genesis<sup>®</sup> controls and alternates each pump without moving parts. Warns of excessive run time, high water level, pump or sensor failure, and additional issues.

## System Performance



## Pump Performance



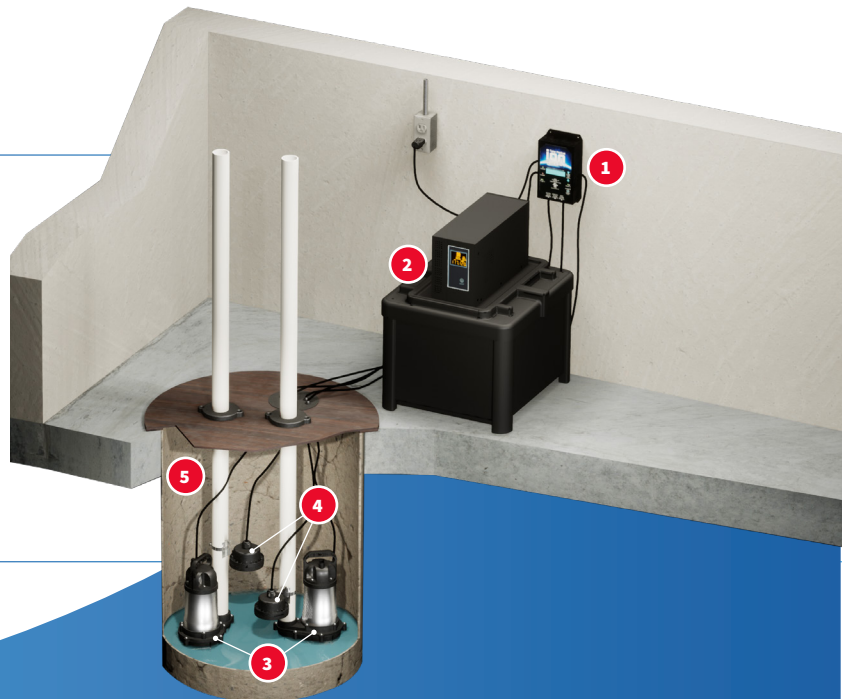
## System Specifications

- 1/2 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 1/3 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 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
- Quick and easy installation
- 3 year warranty

### Typical Installation Diagram

1. Ion Genesis Controller
2. Battery box with inverter
3. 1/2 HP BA50 sump pump
4. Ion+ digital level control/alarm sensor
5. Recommended minimum basin size: 18" x 24" (not included)



55ACi Deluxe with **Ion Genesis** - Part Number: **MET20373**

55ACi Deluxe with **Ion+ Connect® Cellular** - Part Number: **MET20483**

55ACi Deluxe with **Ion+ Connect® WiFi** - Part Number: **MET20486**