

Ion[®] 35ACi+

Sump 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



1/3
HP

1/3 HP stainless steel sump pump with automatic auxiliary AC power supply for primary-caliber pump backup when utility power becomes unavailable.



Can function as an everyday primary with continued pump service when power loss occurs or as a dedicated backup to an adjacent primary when inoperable.



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

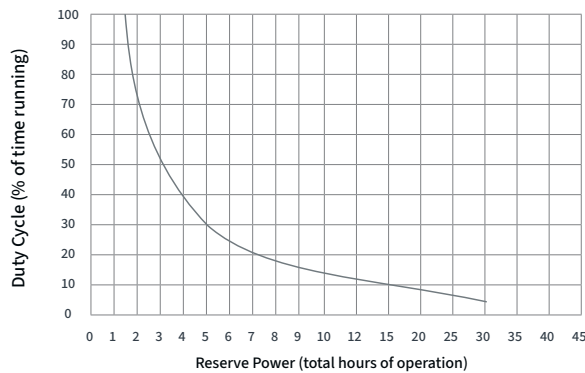
53
GPM*

Maintains full performance as pump continues to operate from either AC power source, with a steady pumping capacity rated at 53 GPM (*at 10' of head).

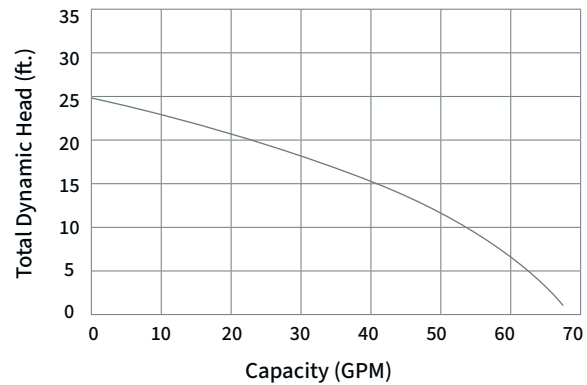


The Ion+ Switch with integrated high water alarm controls pump without moving parts. Detects high water in the sump pit and warns of elevated flood risk.

System Performance



Pump Performance

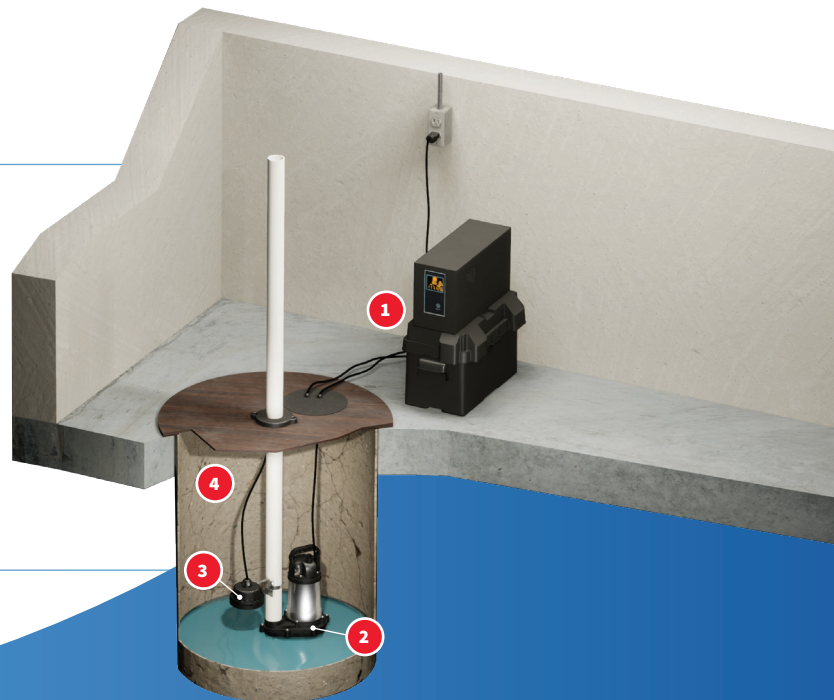


System Specifications

- 1/3 HP pump with PSC, energy efficient motor: 4.5 amps
- Up to 68 GPM
- Fully automatic, converts 12V DC to 120V AC when utility power is lost
- Runs 1/3 HP pump on AC or DC power
- Inverter has digital display, tells status of system at all times
- Requires one 12V deep cycle AGM battery (battery is NOT included)
- Non-corrosive battery enclosure
- Includes piggyback Ion+ 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
- Quick and easy installation
- 3 year warranty

Typical Installation Components

1. Battery box with inverter
2. 1/3 HP BA33 sump pump
3. Ion+digital level control/alarm sensor
4. Recommended minimum basin size: 18" x 24" (not included)



35ACi+ with Ion+ - Part Number: **MET20375**

35ACi+ with Ion+ Connect Cellular - Part Number: **MET20497**

35ACi+ with Ion+ Connect WiFi - Part Number: **MET20500**