

# Ion® JSPIII

## Pre-assembled Sump & Battery Backup Systems

Patent No. 8,591,198,  
9,033,686 and 9,680,401

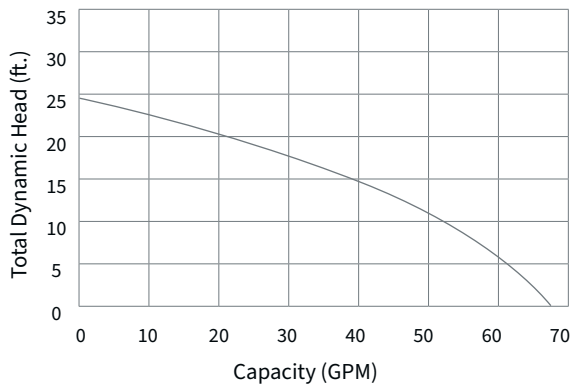


### Features

- All-in-one system with primary and backup pump
- Comes completely assembled with pumps and valves pre-plumbed
- Simply drop into your existing basin and make one discharge connection
- 3 year warranty
- Part Number: MKP20291



## Pump Performance



## System Specifications

- Primary pump with high efficiency oil filled motor that uses half the power of most 1/3 HP pumps
- Piggyback Ion digital level control primary switch with no moving parts
- High quality 2100DC battery backup pump rated for 2,100 GPH
- Backup pump base keeps the pump off the bottom of the basin to avoid clogging from debris
- Heavy duty adjustable vertical backup float switch for maximum reliability
- Solid state 8 amp charger unit with 5 charging stages automatically switches to DC mode when power is out
- Built-in audible alarm and indicator lights on charger for added protection
- Uses one 12 volt deep cycle AGM battery (battery is NOT included)
- 1-1/2" schedule 40 PVC piping
- Check valve on each pump and a combination valve on the main discharge
- 3 year warranty

## System Specifications

<b>Maximum Capacity</b>	Up to 68 GPM
<b>Maximum Head</b>	Up to 25'
<b>Electrical Data</b>	115 V, 1 Ø, 4.5 FLA, 60 Hz
<b>Motor Data</b>	1/3 HP, PSC, high efficiency motor with thermal overload protection, 3450 RPM
<b>Recommended Minimum Basin Size</b>	18" x 24"
<b>Materials of Construction</b>	Cast iron and stainless steel
<b>Impeller</b>	Thermoplastic vortex
<b>Power Cord</b>	10' Standard
<b>Discharge</b>	1-1/2" NPT
<b>Solids Handling</b>	1/2"

## Typical Installation Diagram

- |   |  |
|---|--|
| <b>1.</b> Battery box with DC charger       | <b>5.</b> Backup vertical switch                                   |
| <b>2.</b> 1/3 HP primary pump               | <b>6.</b> Stand (optional)   |
| <b>3.</b> Ion® digital level control switch | <b>7.</b> Recommended minimum basin size: 18" x 24" (not included) |
| <b>4.</b> Backup pump                       |  |

