

Sump Pump and Battery Backup Buying Guide for GTA Homes (2026 Edition)

Quick reference guide by DGI Waterproofing

Pump sizing

1/3 HP for small bungalows. 1/2 HP for most GTA two-storey homes with finished basements. 3/4 HP for large or high-water-table homes.

Cast iron vs plastic

Cast iron lasts 8-12 yrs. Plastic 4-7 yrs. Spend the extra \$80 on cast iron.

Recommended models

Zoeller M53/M63, Liberty 257/287, Wayne CDU790.

Battery backup

12V DC pump with deep cycle marine battery. 1,500-2,000 GPH for 6-8 hrs. Replace battery every 3-5 yrs.

Water-powered backup

City water pressure drives ejector. Needs 40 PSI. Uses 1 gal city water per 2 gal sump water. Best for vacation homes.

Top failure causes

Float switch (60%), battery degradation, check valve, discharge line freeze, motor.

2026 cost

Pump replace \$650-1,100. Add backup \$900-1,600. New pit and pump \$2,500-4,500.

Test schedule

March and September. Five gallons of water into the pit. Test battery backup separately.