

Sump Pump Operational Run Times

Weather Conditions	Duty Cycle	Duty Cycle Description	Operational Run Time (hrs) by pump output (hp)		
			1/4 HP Pump	1/3 HP Pump	1/2 HP Pump
Light Seepage	3.30%	20 seconds pumping 9.5 Minutes rest	112 hrs	84 hrs	56 hrs
Light Rain	3.90%	18 seconds pumping 7.3 Minutes rest	85 hrs	64 hrs	42.5 hrs
Moderate Rain	7.70%	17 seconds pumping 3.4 Minutes rest	42 hrs	31.5 hrs	21 hrs
Heavy Rain	10.00%	17 seconds pumping 2.3 Minutes rest	28 hrs	21 hrs	14 hrs
Water Main Break	19.00%	16 seconds pumping 1.1 Minutes rest	14.5 hrs	10.5 hrs	7 hrs
Water Main Break	100%	Continuous Operation	2.45 hrs	1.8 hrs	1.3 hrs

****Note: Run-time examples disclosed on this page are to be used as a guideline only and may not reflect the run-times you will experience. Actual run times are dependent upon conditions specific to your electrical appliance, such as wattage draw, temperature conditions, etc.. Actual run-times experienced when operating your electrical appliance may increase or decrease depending on the requirements of your appliance. Run-time examples shown on this page are conservative examples drawn from real time testing in our labs and tend to be more conservative than what you may experience...*****

Other Operational Runtimes

Additional Application Runtimes		
Office Applications	Watts ¹	Runtime Hours ²
Laptop	25	77 h
Inkjet Printer	8	231 h
Cell Phone	5	315 h
Wireless Modem/Router	6	280 h
Table Lamp	40	48 h
Desktop Computer	67	26 h
20" LCD Monitor	52	33 h
Emergency Power Applications	Watts ¹	Runtime ²
Cordless Phone	5	315 h
Clock Radio	8	231 h
13" CRT TV	50	35 h
20" LCD TV	75	21 h
Home Backup Applications	Watts ¹	Runtime ²
18 cu. ft. fridge	120	15 h
8.8 cu. ft. freezer	80	21 h
Home alarm system	5	90 h

How Long Will it Provide Power?	Runtime Hours ²
Laptop, inkjet printer, modem/router and cordless phone	Up to 42 h
Desktop Computer, 20" LCD Monitor, Inkjet Printer, modem/router, cordless phone	Up to 14 h
Cordless phone, 20" TV, radio and table lamp	Up to 14 h

¹ Average power consumption as measured on loads tested under regular operating conditions. Rated Power may differ from average power consumption.

² Runtime as measured on tested loads.



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*Specifications subject to change without

