

## Current Draw- Electronic Accessories Supplied with Waterous Pumps

The table below indicates the current draw for accessories on Waterous pumps.

Accessory		Current Draw
Priming Pumps	VPE, VPES Electric Motor	250 A (No load, beginning of priming cycle) 430 A (Full load at end of priming cycle)
	VPO, VPOS 12V	150 A (No load, beginning of priming cycle) 200 A (Full load at end of priming cycle)
	VPO, VPOS 24V	75 A (No load, beginning of priming cycle) 100 A (Full load at end of priming cycle)
	HHE, HHEB Electric Motor	300 A (No load, beginning of priming cycle) 530 A (Full load at end of priming cycle)
	VPB Electric Clutch	4 A
Solenoid Actuated Priming Valve		74 A
Electric Transfer Valve w/Lights		18 A (operated @ 75 psi net pump pressure)
Relief Valve Indicator Lights		241 mA
Electric Shift w/Indicator Lights		20 A (when shift cycle is initiated) Decreases to 10 A for remainder of the cycle*
Electric Discharge Valves (2-1/2 & 3-1/2 in.)		12.5 A (valve flowing 650 GPM @ 22 psi) 11.4 A (valve flowing 1500 GPM @ 150 psi) 20.1 A (maximum draw at end of travel)
Hydraulic Pump Shift		20 A @ 625 psi
TG100 Electric Shift		5.6 A
VAP Isolation Solenoid		1.25 A
Electric Butterfly Valve	12V	30 A Max (Beginning of opening cycle)
	24V	15 A Max (Beginning of opening cycle)
Electric Tank to Pump Valve	12V	30 A Max (Beginning of opening cycle)
	24V	15 A Max (Beginning of opening cycle)
OPM	12V	.04 A (with alarm)/.01 A (without alarm)
	24V	.16 A (with alarm)/.06 A (without alarm)

\*Cycle time is approximately one second.