

Item	Specification	Measuring Condition
Measuring Condition .1		
Testing environment	65%RH 25	temperature of 25℃ and humidity of 65%RH
Test medium	Water	℃Normal 25 ℃25
position	Horizontal	
Function .2		
Rated voltage	DC12V	Between Motor Terminals
Working voltage	DC9V-DC12V	Rated voltage DC9V-12V 工作电压 Working voltage DC9V-DC12V Between Motor Terminals
Working Current	≅3000mA	DC12V
Water Flow LPM	>30L/min	DC12V
intensity pressure	>70KPa	DC12V
Absorption process	>-55kps	DC12V
Head of delivery	>1m	DC12V
Noise	≅65DB	DC12 V 30cm The pump and distance to noise meter from 30cm, and while pump water to test noise value at DC3.7V Voltage
Operation temperature range	5℃到 50℃	到 50℃及湿度 30%到 80%之间泵运作℃5 良好 The temperature have to be between 5℃ and 50℃ and humidity must is between 30%and .80%RH to function the pump well
Preservation temperature range	0℃到 60℃	在溫度 0℃到 60℃及湿度 30%到 80%RH 之间泵保持良好状态 The temperature has 0℃and positive 60℃ be between 30%and 80% in a good condition

Reliability

:Noise	$\leq 65\text{DB}$	DC12V 测试在距离噪音仪 30cm 位置 the pump and distance to noise Meter from 30cm. and while pump Water to test noise value at DC12V voltage
Low-temperature characteristic:	-20°C 储存 72 小时， 常温 20°C \pm 5°C 静置 2 小时后，测 试功能正常	the temperature at -20°C for 72 hours; then taking it out and putting it in a room temperature at 20°C \pm 5°C for two hours
High-temperature High humidity	60°C 储存 72 小时，常 温 25°C 静 置 2 小时后，测试功能正常	the temperature at 60°C for 72 hours; then taking it out and putting it in a room temperature at 20°C \pm 5°C for two hours
&High-temperature High humidity	在温度 60°C，湿度 80~85% 的 环境中储存 72 小时，取出置 于常温 20°C \pm 5°C 静置 2 小时后 测试功能正常	the temperature at 60°C for 72 hours; then taking it out and putting it in a room temperature at 20°C \pm 5°C for two hours
Lifetime	额定电压，工作 20 秒， 停 5 秒为一循环 测试 9,000 次 后，功能正常	Ag rated voltage, working for 120 seconds, stopping for 60 seconds, is as one cycle. Doing it for 9,000 times, the pump is still in a good function
Low- temperature environment test	5°C 经 5 小时后 在此温 度下测试无异常	Under a temperature of 5°C for 5 hours, then examining the pump still perform well
High	在 60°C 经 5 小时后 在此温 度下测试无异常	Under a temperature of 60°C for 5 hours, then examining the pump still perform well