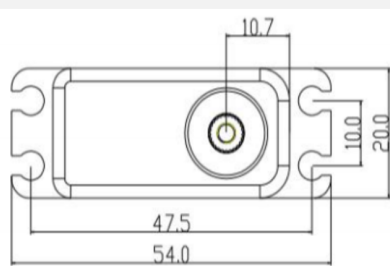
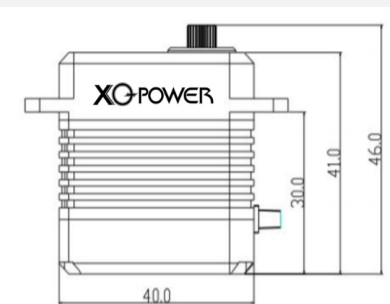
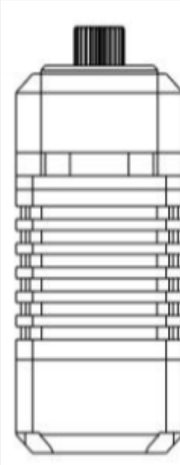
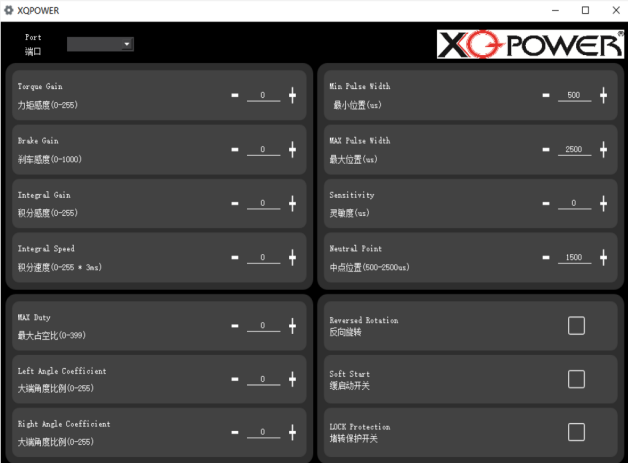


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20190719.6.6				
					VER		X8_8060.03				
					Page.		P.1				
					Prepare Date		20190720				
GSN		XQ-8S	Product Name	XQ-POWER 8.4V61kg-cm Hight Voltage Digital Servo		Model	XQ-S8060TTT	Material	CNC all-metal case		
Process flow					CNC / industry testing torque						
SIZE OF THE DRAWINGS   					Control Specifications					AQL	
					NO.	Standard Test Environment					
					1-1	Temperature range	25℃±5℃				
					1-2	Humidity range	65%±10%				
					NO.	Apply Environmental Condition					
					2-1	Storage Temperature Range	-20℃ ~ 70℃				
					2-2	Operating Temperature Range	-15℃ ~ 65℃				
					NO.	Mechanical Specification					
					3-1	Servo Dimensions	20*40*41 mm				
					3-2	Servo Weight	81g				
					3-3	Servo Gear	Stainless Steel				
					3-4	Angle of limit	210°				
					3-5	Servo Bearing	2 Ball bearings				
					3-6	Output force shaft	25T-φ5.94mm				
					3-7	Servo arm	Plastic, POM				
					3-8	Case Material	Aluminium CNC				
					3-9	Servo line	300mm				
The Drawings					3-10	Built-in motor	Coreless motor				
Photos1 					3-11	Splash water resistance	Yes				
					Electrical Specification						
					NO.	Test Operating Voltage Range					
					4-1	Work Voltage	6.0 V				
					4-2	No load speed	0.180sec/60°				
					4-3	Runnig current (no load)	350 mA				
					4-4	Peak stall torque	48 kg.cm				
					4-5	Stall current	4.4 A				
						Work Voltage	7.4 V				
					4-6	No load speed	0.158 sec/60°				
					4-7	Runnig current (no load)	390 mA				
					4-8	Peak stall torque	55 kg.cm				
					4-9	Stall current	5.4 A				
						Work Voltage	8.4 V				
Photos2 					4-10	No load speed	0.136 sec/60°				
					4-11	Runnig current (no load)	450 mA				
					4-12	Peak stall torque	62 kg.cm				
					4-13	Stall current	6.2 A				
						Make table	CHECK	APPROVE			
	MR.ZHONG	MR.LIU	Manager.ZHOU								

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.20190719.6.6		
						VER		X8_8060.03		
						Page.		P.2		
						Prepare Date		20190720		
GSN		XQ-8S	Product Name	XQ-POWER 8.4V61kg-cm Hight Voltage Digital Servo		Model	XQ-S8060TTT	Material	CNC all-metal case	
Control Specification										
Test display diagram					EMPHASIS					
Photos1 					NO.	Item	Specification			
					5-1	Command signal	PWM 50-333Hz			
					5-2	Amplifier type	Digital Controller			
					5-3	Pulse width range	800～2200 μsec			
					5-4	Neutral position	1500 μsec			
					5-5	Running degree	360° (when1000 ～2000 μsec) Customization			
					5-6	Dead band width	1 μsec			
					5-7	Rotating direction	CCW(when 1000 ～2000μsec)			
					Appearance inspection					
					NO.	QC details				
					5-7	Material qualified				
					5-8	Gear structure qualified				
					5-9	Function qualified				
					5-10	Use data qualified				
Accessories										
5-11	Pass the test									
Photos1 					NO.	Other				
					6-1					
					6-2					
					6-3					
					6-4					
					Other Accessories					
					7-1	Plastic arm bag				
					7-2	Screw				
					7-3	Metal arm (additional purchase)				
										
Reference opinions of all departments: Agree										
Make table		CHECK		APPROVE						
MR.ZHONG		MR.LIU		Manager.ZHOU						