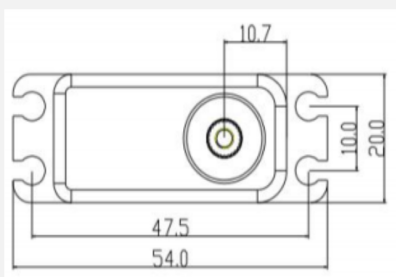
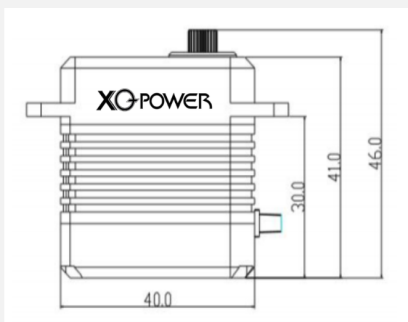
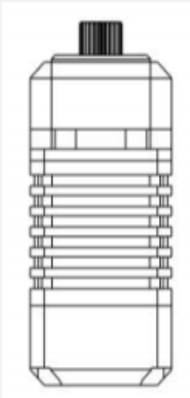
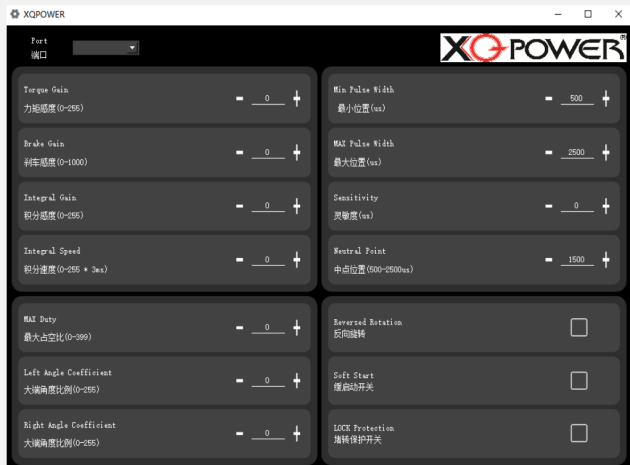


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20190809.5.3				
					VER		X8_8050.02				
					Page.		P.1				
					Prepare Date		20190810				
GSN		XQ-8S	Product Name	XQ-POWER 8.4V52kg-cm Hight Voltage Digital Servo		Model	XQ-S8050TT	Material	CNC all-metal case		
Process flow					CNC / industry 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° or 360° continious				
					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	0.158 sec/60°				
					4-3	Runnig current (no load)	350 mA				
					4-4	Peak stall torque	41 kg.cm				
					4-5	Stall current	4.4 A				
						Work Voltage	7.4 V				
					4-6	No load speed	0.132 sec/60°				
					4-7	Runnig current (no load)	390 mA				
					4-8	Peak stall torque	47 kg.cm				
					4-9	Stall current	5.4 A				
						Work Voltage	8.4 V				
					4-10	No load speed	0.108 sec/60°				
					4-11	Runnig current (no load)	450 mA				
					4-12	Peak stall torque	54 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.20190809.5.3	
						VER	X8_8050.02	
						Page.	P.2	
						Prepare Date	20190810	
GSN	XQ-8S	Product Name	XQ-POWER 8.4V52kg-cm Hight Voltage Digital Servo	Model	XQ-S8050TT	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								
Photos1 				5-11	Pass the test			
				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)			
								
				Make table		CHECK	APPROVE	
				MR.ZHONG		MR.LIU	Manager.ZHOU	
				Reference opinions of all departments: Agree				