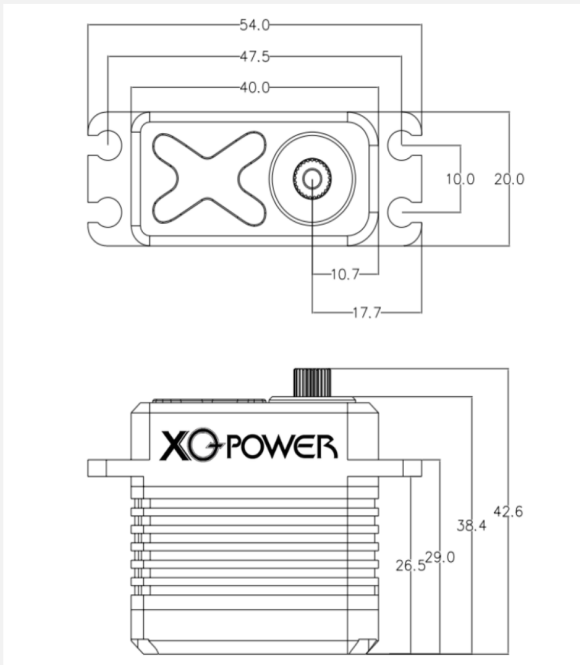
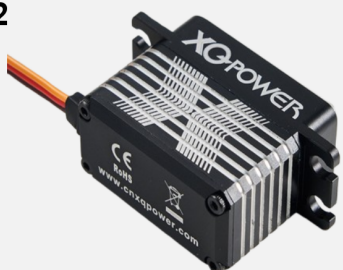
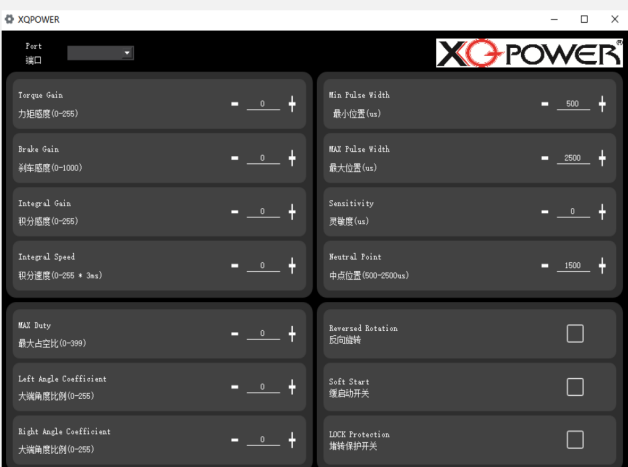


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20200621.4.2		
					VER		X8_8046.01		
					Page.		P.1		
					Prepare Date		20200606		
XQPOWER		Product Inspection Specification							
GSN	XQ-8S	Product Name	XQ-POWER 8.4V45kg-cm Hight Voltage Digital Servo		Model	XQ-S8045TT		Material	CNC all-metal case
Process flow					CNC / industry testing torque				
SIZE OF THE DRAWINGS					Control Specifications				
					NO.	Standard Test Environment			
					1-1	Temperature range	25°C±5°C		
					1-2	Humidity range	65%±10%		
					NO.	Apply Environmental Condition			
					2-1	Storage Temperature Range	-20°C ~ 70°C		
					2-2	Operating Temperature Range	-15°C ~ 65°C		
					NO.	Mechanical Specification			
					3-1	Servo Dimensions	20*40*38.4 mm		
					3-2	Servo Weight	73g		
					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		
					3-10	Built-in motor	Coreless motor		
The Drawings					3-11	Splash water resistance	Yes		
					Electrical Specification				
Photos1					NO.	Test Operating Voltage Range			
					4-1	Work Voltage	6.0 V		
					4-2	No load speed	0.144 sec/60°		
					4-3	Runnig current (no load)	320 mA		
					4-4	Peak stall torque	37 kg.cm		
					4-5	Stall current	3.7 A		
						Work Voltage	7.4 V		
					4-6	No load speed	0.122 sec/60°		
					4-7	Runnig current (no load)	370 mA		
					4-8	Peak stall torque	43 kg.cm		
					4-9	Stall current	4.5 A		
						Work Voltage	8.4 V		
Photos2					4-10	No load speed	0.106 sec/60°		
					4-11	Runnig current (no load)	440 mA		
					4-12	Peak stall torque	48 kg.cm		
					4-13	Stall current	5.2 A		
Make table		CHECK		APPROVE					
MR.ZHONG		MR.LIU		Manager.ZHOU					

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.20200621.4.2	
						VER	X8_8046.01	
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						Prepare Date	20200606	
GSN	XQ-8S	Product Name	XQ-POWER 8.4V45kg-cm Hight Voltage Digital Servo	Model	XQ-S8045TT	Material	CNC all-metal case	
Control Specification								
Test display diagram				EMPHASIS				
Photos1 				NO.	Item	Specification	AQL	
				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 ~2000 μsec)		
				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 				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	