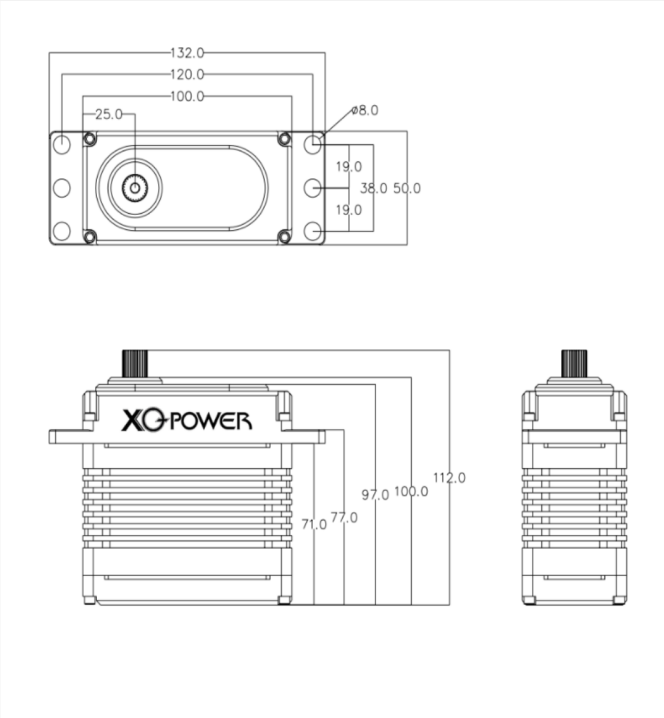
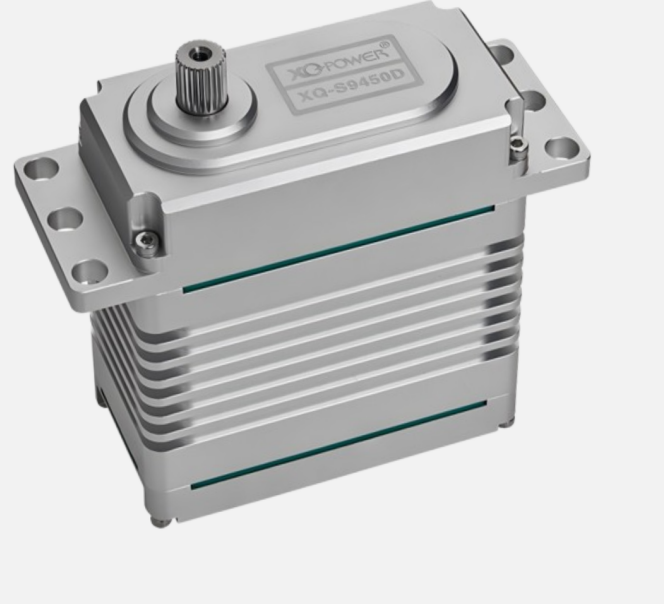
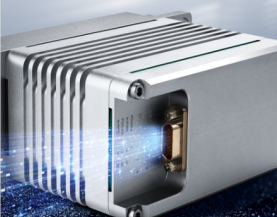
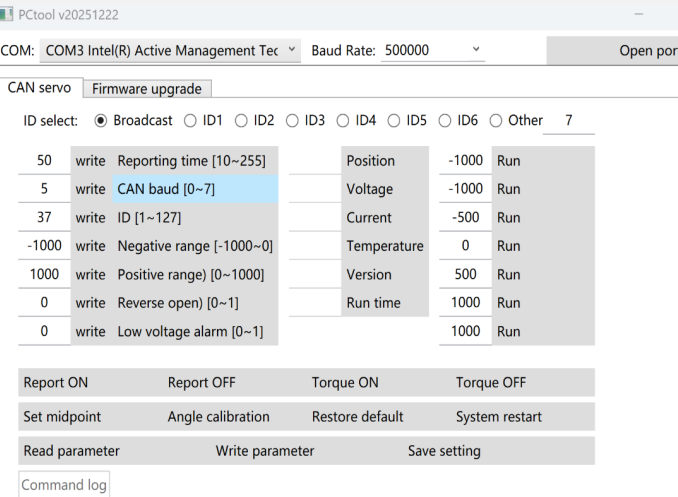


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.20240801.7.2			
						VER	X9_9450.05			
						Page.	P.1			
						Prepare Date	20250222			
GSN	XQ-9S	Product Name	XQ-POWER 30V450kg-cm Brushless Servo	Model	XQ-S9450D	Material	CNC all-metal case			
Process flow				CNC / industry testing torque						
SIZE OF THE DRAWINGS 				Control Specifications			AQL			
				NO.	Standard Test Environment					
				1-1	Temperature range	25°C±5°C				
				1-2	Humidity range	65%±10%				
				NO.	Apply Environmental Condition					
				2-1	Storage Temperature Range	-30°C ~ 70°C				
				2-2	Operating Temperature Range	-30°C ~ 60°C				
				NO.	Mechanical Specification					
				3-1	Servo Dimensions	100*50*97 mm				
				3-2	Servo Weight	895g				
				3-3	Servo Gear	Steel Gear				
				3-4	Angle of limit	No Limit				
				3-5	Servo Bearing	8 Ball bearings				
				3-6	Output force shaft	25T-φ11.98mm				
				3-7	Servo arm	Metal				
				3-8	Case Material	Aluminium CNC				
				3-9	Servo line	J30J-15TJL purchase separately				
				The Drawings				3-10	Built-in motor	Brushless motor
				Photos1 				3-11	Splash water resistance	Yes
								Electrical Specification		
NO.	Test Operating Voltage Range									
4-1	Work Voltage	24 V								
4-2	No load speed	0.30 sec/60°								
4-3	Runnig current (no load)	400 mA								
4-4	Peak stall torque	560 kg.cm								
4-5	Stall current	18 A								
	Work Voltage	28 V								
4-6	No load speed	0.25 sec/60°								
4-7	Runnig current (no load)	430 mA								
4-8	Peak stall torque	650 kg.cm								
4-9	Stall current	21 A								
	Work Voltage	30 V								
Photos2 Support customization PWM, CAN, RS485 			4-10					No load speed	0.21 sec/60°	
			4-11					Runnig current (no load)	450 mA	
			4-12	Peak stall torque	700 kg.cm					
			4-13	Stall current	22.5 A					
Make table		CHECK	APPROVE							
MR.ZHONG		MR.LIU	Manager.ZHOU							

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GSN	XQ-9S	Product Name	XQ-POWER 30V450kg-cm Brushless Servo	Model	XQ-S9450D	Material	CNC all-metal case		
Control Specification									
Test display diagram				EMPHASIS					
Photos1 				NO.	Item	Specification	AQL		
				5-1	Command signal	PWM			
				5-2	Amplifier type	Digital Controller			
				5-3	Pulse width range	500~2500 μsec customizable			
				5-4	Neutral position	1500 μsec customizable			
				5-5	Running degree	360° (when1000~2000 μsec) customization			
				5-6	Dead band width	3 μsec			
				5-7	Rotating direction	CCW (when 1000 ~2000 μsec) customizable			
				Appearance inspection					
				NO.	QC details				
				5-7	Material qualified				
				5-8	Gear structure qualified				
				5-9	Function qualified				
				5-10	Use data qualified				
				5-11	Pass the test				
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)				
									
								Make table	CHECK
							MR.ZHONG	MR.LIU	Manager.ZHOU