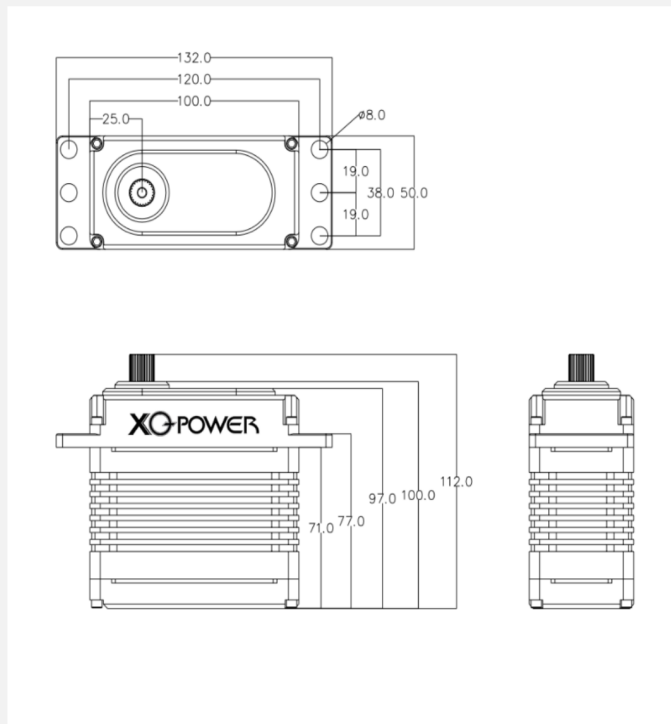
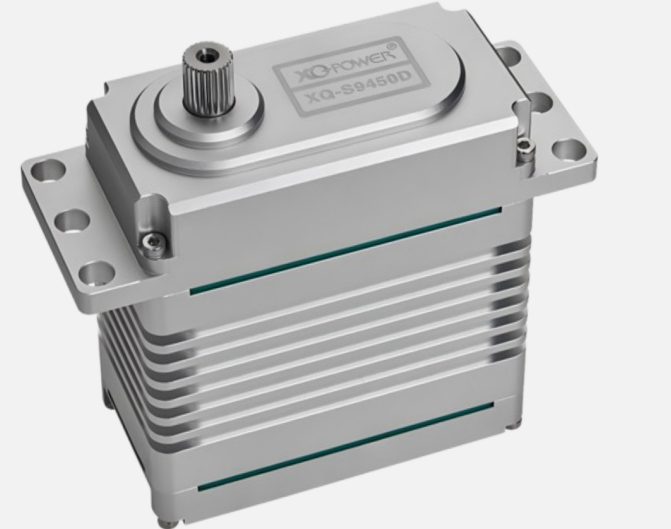
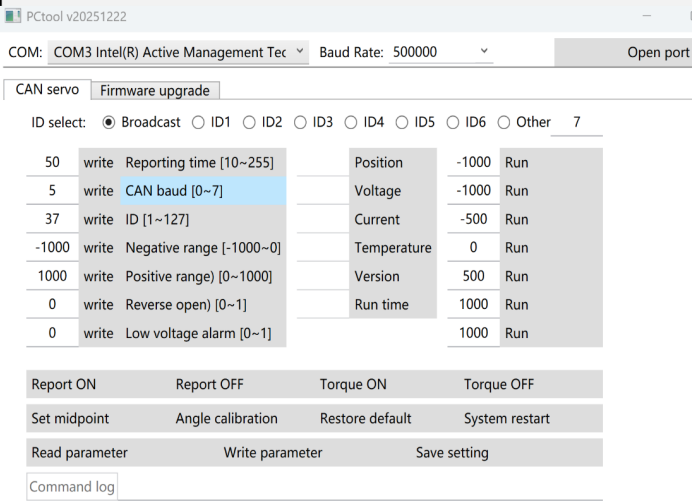


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.20240801.7.2
						VER	X9_9450.05
						Page.	P.1
						Prepare Date	20250222
GSN	XQ-9S	Product Name	XQ-POWER 30V450kg-cm Brushless Servo	Model	XQ-S9450DC	Material	CNC all-metal case
Process flow				CNC / industry testing torque			
SIZE OF THE 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 -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			
				3-10 Built-in motor Brushless motor			
The Drawings				3-11 Splash water resistance Yes			
Photos1				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			
				4-10 No load speed 0.21 sec/60°			
Photos2				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				

Shenzhen XQPOWER Technology Co., LTD XQPOWER Product Inspection Specification						DOCUMENT NO	N/D.20240801.7.2		
						VER	X9_9450.05		
						Page.	P.2		
						Prepare Date	20250222		
GSN	XQ-9S	Product Name	XQ-POWER 30V450kg-cm Brushless Servo	Model	XQ-S9450DC	Material	CNC all-metal case		
Control Specification									
Test display diagram				EMPHASIS					
Photos1 				NO.	Item	Specification	AQL		
				5-1	Command signal	PWM / CAN			
				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° (when 1000~2000 μsec) customizable			
				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				
				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	APPROVE
							MR.ZHONG	MR.LIU	Manager.ZHOU