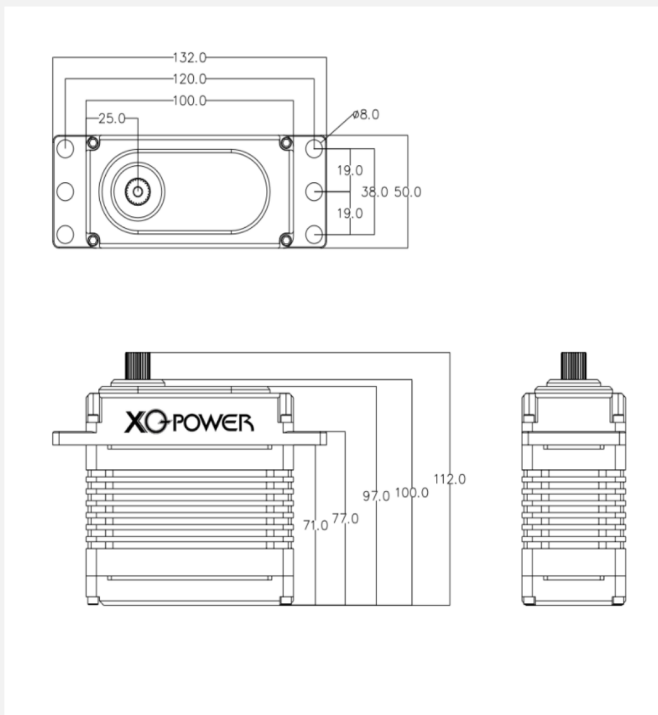
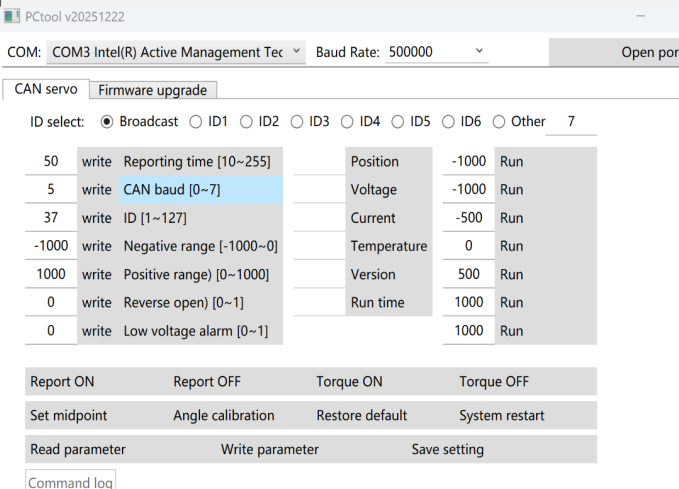


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.20240801.7.2				
						VER	X9_9450.05				
						Page.	P.1				
						Prepare Date	20250222				
GSN	XQ-9S	Product Name	XQ-POWER 30V450kg-cm Brushless Servo		Model	XQ-RS9450MB	Material	CNC all-metal case			
Process flow					CNC / industry testing 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
					Photos2 				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°									
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-RS9450MB	Material	CNC all-metal case	
Control Specification								
Test display diagram				EMPHASIS				
Photos1 				NO.	Item	Specification		
				5-1	Command signal	PWM / MODBUS 485		
				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)			
								
				Reference opinions of all departments: Agree				
				Make table		CHECK	APPROVE	
				MR.ZHONG		MR.LIU	Manager.ZHOU	