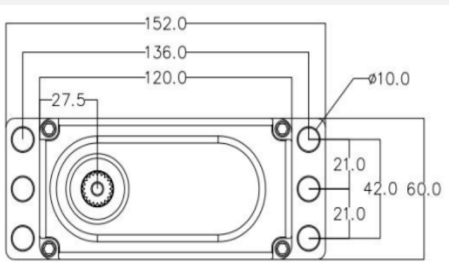
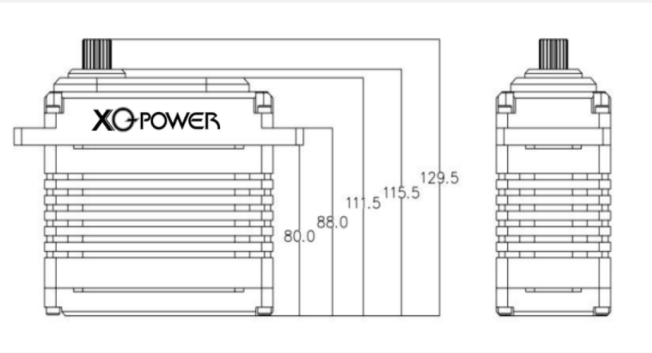
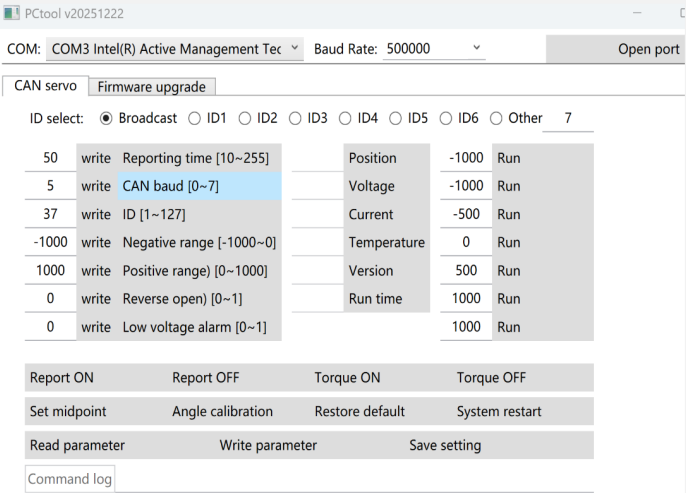


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.20250221.7.2			
						VER	X9_9750.02			
						Page.	P.1			
						Prepare Date	20250222			
GSN	XQ-9S	Product Name	XQ-POWER 30V1000kg-cm Brushless Servo	Model	XQ-S9750D	Material	CNC all-metal case			
Process flow				CNC / industry testing torque						
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	120*60*111.5 mm				
				3-2	Servo Weight	1750g				
				3-3	Servo Gear	Steel Gear				
				3-4	Angle of limit	No Limit				
				3-5	Servo Bearing	10 Ball bearings				
				3-6	Output force shaft	25T-φ14.98mm				
				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	0.35 sec/60°				
				4-3	Runnig current (no load)	400 mA				
				4-4	Peak stall torque	850 kg.cm				
				4-5	Stall current	21 A				
					Work Voltage	28 V				
				4-6	No load speed	0.28 sec/60°				
				4-7	Runnig current (no load)	460 mA				
				4-8	Peak stall torque	920 kg.cm				
				4-9	Stall current	25 A				
					Work Voltage	30 V				
				Photos2				4-10	No load speed	0.25 sec/60°
				Support customization PWM, CAN, RS485 				4-11	Runnig current (no load)	500 mA
								4-12	Peak stall torque	980 kg.cm
4-13	Stall current	26.5 A								
Make table	CHECK	APPROVE								
MR.ZHONG	MR.LIU	Manager.ZHOU								

AQL

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.20250221.7.2		
						VER		X9_9750.02		
						Page.		P.2		
						Prepare Date		20250222		
GSN		XQ-9S	Product Name	XQ-POWER 30V1000kg-cm Brushless Servo		Model	XQ-S9750D	Material	CNC all-metal case	
Control Specification										
Test display diagram					EMPHASIS					
Photos1 					NO.	Item		Specification		
					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				
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	

AQL