

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.20230428.9.1		
						VER	X9_9100.01		
						Page.	P.1		
						Prepare Date	20230405		
GSN	XQ-9S	Product Name	XQ-POWER 12V110kg-cm Brushless Servo		Model	XQ-RS9100MB	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	-20°C ~ 60°C			
				NO.	Mechanical Specification				
				3-1	Servo Dimensions	61*30*61.4 mm			
				3-2	Servo Weight	190g			
				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-φ9.95mm			
				3-7	Servo arm	Metal			
3-8	Case Material	Aluminium CNC							
3-9	Servo line	J30J-9TJL purchase separately							
3-10	Built-in motor	Brushless motor							
3-11	Splash water resistance	Yes							
The Drawings				Electrical Specification					
				NO.	Test Operating Voltage Range				
				4-1	Work Voltage	8.4 V			
				4-2	No load speed	0.25 sec/60°			
				4-3	Runnig current (no load)	200 mA			
				4-4	Peak stall torque	115 kg.cm			
				4-5					
				4-6	Stall current	6.5 A			
					Work Voltage	12 V			
				4-6	No load speed	0.15 sec/60°			
				4-7	Runnig current (no load)	300 mA			
				4-8	Peak stall torque	110 kg.cm			
				4-9					
				4-10	Stall current	8 A			
					Work Voltage	16.8 V			
4-11	No load speed	0.12 sec/60°							
4-12	Runnig current (no load)	400 mA							
4-13	Peak stall torque	130 kg.cm							
4-14									
4-15	Stall current	10 A							
Photos1				Make table	CHECK		APPROVE		
				MR.ZHONG	MR.LIU		Manager.ZHOU		
Photos2				Make table	CHECK		APPROVE		
				MR.ZHONG	MR.LIU		Manager.ZHOU		