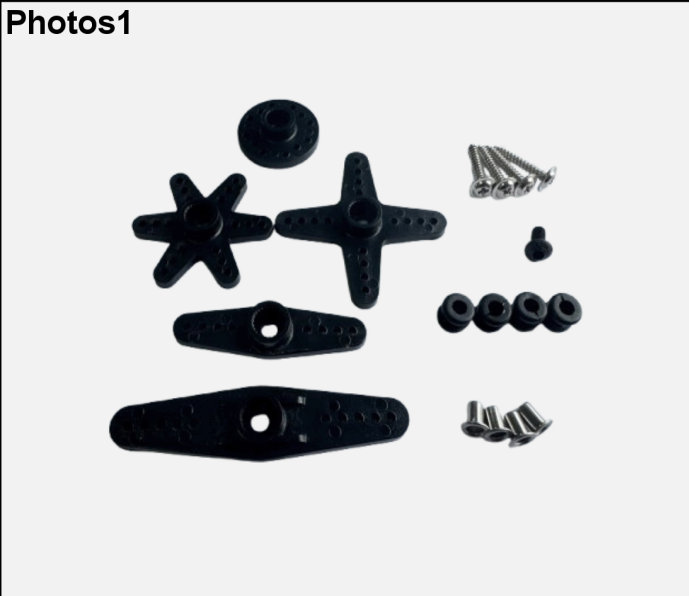


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.201611.7.25									
						VER		X3_325.03									
						Page.		P.1									
						Prepare Date		20161110									
GSN		XQ-3S		Product Name		XQ-POWER 8.4V25kg·cm Hight Voltage Brushless Servo		Model		XQ-BLS325		Material		CNC all-metal case			
Process flow								CNC / industry testing torque									
SIZE OF THE DRAWINGS								Control Specifications								AQL	
								NO.		Standard Test Environment							
1-1		Temperature range		25℃±5℃													
1-2		Humidity range		65%±10%													
NO.		Apply Environmental Condition															
2-1		Storage Temperature Range		-20℃ ~ 70℃													
2-2		Operating Temperature Range		-15℃ ~ 65℃													
NO.		Mechanical Specification															
3-1		Servo Dimensions		41*20.5*28.5 mm													
3-2		Servo Weight		65g													
3-3		Servo Gear		Stainless Steel													
3-4		Angle of limit		No Limit													
3-5		Servo Bearing		2 Ball bearings													
3-6		Output force shaft		25T-φ5.96mm													
3-7		Servo arm		Plastic, POM													
3-8		Case Material		Aluminium CNC													
3-9		Servo line		300mm 3P													
3-10		Built-in motor		Brushless motor													
3-11		Splash water resistance		Yes													
The Drawings								Electrical Specification									
Photos1								NO.		Test Operating Voltage Range							
								4-1		Work Voltage		6.0 V					
4-2		No load speed		0.12 sec/60°													
4-3		Runnig current (no load)		190 mA													
4-4		Peak stall torque		17.5 kg.cm													
4-5		Stall current		3.5 A													
		Work Voltage		7.4 V													
4-6		No load speed		0.09 sec/60°													
4-7		Runnig current (no load)		220 mA													
4-8		Peak stall torque		22 kg.cm													
4-9		Stall current		4 A													
		Work Voltage		8.4 V													
Photos2								4-10		No load speed		0.07 sec/60°					
								4-11		Runnig current (no load)		250 mA					
								4-12		Peak stall torque		25 kg.cm					
								4-13		Stall current		5 A					
								Make table		CHECK		APPROVE					
MR.ZHONG		MR.LIU		Manager.ZHOU													

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.201611.7.25						
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GSN		XQ-3S	Product Name	XQ-POWER 8.4V25kg-cm Hight Voltage Brushless Servo		Model	XQ-BLS325	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		700~2300 μsec						
					5-4	Neutral position		1500 μsec						
					5-5	Running degree		360° (when1000~2000 μsec) customization						
					5-6	Dead band width		2 μsec						
					5-7	Rotating direction		CCW (when1000~2000 μsec)						
					Appearance inspection						NO.	QC details		
					5-7	Material qualified								
5-8	Gear structure qualified													
5-9	Function qualified													
5-10	Use data qualified													
Accessories					5-11	Pass the test								
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							