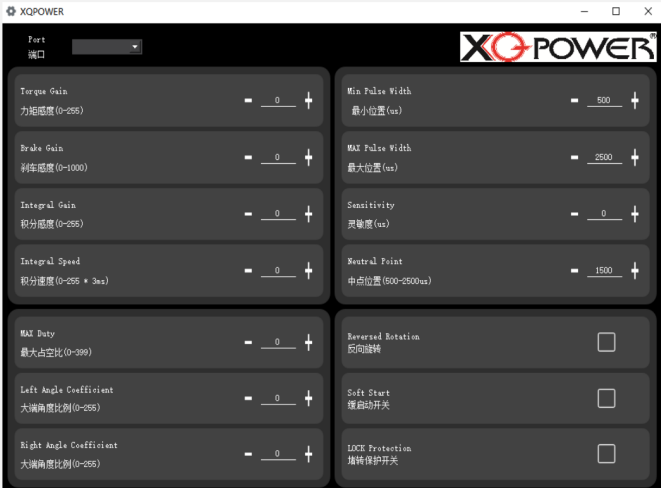


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.2019.3.26									
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XQPOWER						Product Inspection Specification											
GSN		XQ-8S		Product Name		XQ-POWER 8.4V35kg-cm Hight Voltage Brushless Servo		Model		XQ-BLS8135DC		Material		CNC 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		20*40*38.4 mm													
3-2		Servo Weight		77g													
3-3		Servo Gear		Stainless Steel													
3-4		Angle of limit		210°													
3-5		Servo Bearing		2 Ball bearings													
3-6		Output force shaft		25T-φ5.94mm													
3-7		Servo arm		Plastic, POM													
3-8		Case Material		Aluminium CNC													
3-9		Servo line		300mm													
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		0.14 sec/60°					
								4-3		Runnig current (no load)		320 mA					
								4-4		Peak stall torque		20 kg.cm					
								4-5		Stall current		2.8 A					
										Work Voltage		7.4 V					
								4-6		No load speed		0.12 sec/60°					
								4-7		Runnig current (no load)		370 mA					
								4-8		Peak stall torque		28 kg.cm					
								4-9		Stall current		3.5 A					
										Work Voltage		8.4 V					
								4-10		No load speed		0.10 sec/60°					
								4-11		Runnig current (no load)		440 mA					
								4-12		Peak stall torque		35 kg.cm					
4-13		Stall current		4.0 A													
Photos2								Make table		CHECK		APPROVE					
								MR.ZHONG		MR.LIU		Manager.ZHOU					

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.2019.3.26		
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GSN		XQ-8S	Product Name	XQ-POWER 8.4V35kg-cm High Voltage Brushless Servo		Model	XQ-BLS8135DC	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		800~2200 μsec		
					5-4	Neutral position		1500 μsec		
					5-5	Running degree		360° (when1000~2000 μsec) Customization		
					5-6	Dead band width		1 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					
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	