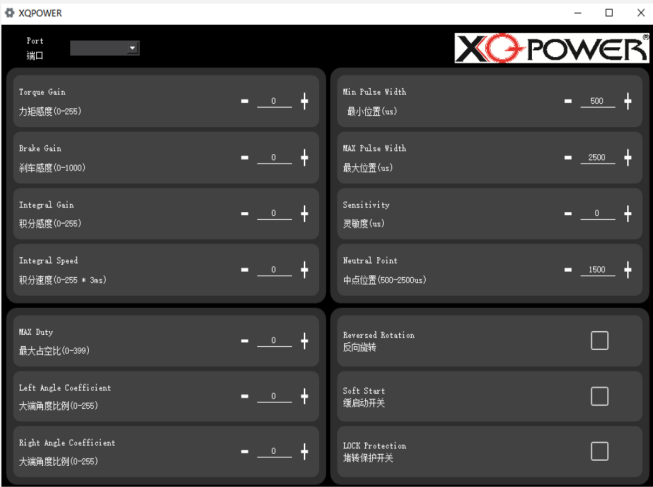


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.2019.3.26			
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XQPOWER					Product Inspection Specification					
GSN	XQ-8S	Product Name	XQ-POWER 8.4V35kg-cm Hight Voltage Brushless Servo		Model	XQ-BLS8135TTL	Material	CNC all-metal case		
Process flow					CNC / industry testing torque					
SIZE OF THE DRAWINGS					Control Specifications					AQL
					Standard Test Environment					
NO.	Temperature range				25°C±5°C					
1-1	Humidity range				65%±10%					
1-2										
Apply Environmental Condition										
NO.	Storage Temperature Range				-20°C ~ 70°C					
2-1										
2-2	Operating Temperature Range				-15°C ~ 65°C					
2-2										
Mechanical Specification										
NO.	Servo Dimensions				20*40*38.4 mm					
3-1	Servo Weight				77g					
3-2	Servo Gear				Stainless Steel					
3-3	Angle of limit				210°					
3-4	Servo Bearing				2 Ball bearings					
3-5	Output force shaft				25T-φ5.94mm					
3-6	Servo arm				Plastic, POM					
3-7	Case Material				Aluminium CNC					
3-8	Servo line				300mm					
3-9	Built-in motor				Brushless motor					
3-10	Splash water resistance				Yes					
3-11										
Electrical Specification										
Test Operating Voltage Range										
NO.	Work Voltage				6.0 V					
4-1	No load speed				0.14 sec/60°					
4-2	Runnig current (no load)				320 mA					
4-3	Peak stall torque				20 kg.cm					
4-4	Stall current				2.8 A					
4-5	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					
4-10	Work Voltage				8.4 V					
4-11	No load speed				0.10 sec/60°					
4-12	Runnig current (no load)				440 mA					
4-13	Peak stall torque				35 kg.cm					
4-14	Stall current				4.0 A					
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 Hight Voltage Brushless Servo	Model	XQ-BLS8135TTL	Material	CNC all-metal case
Control Specification							
Test display diagram				EMPHASIS			
Photos1 				NO.	Item	Specification	AQL
				5-1	Command signal	PWM / CAN / 485	
				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