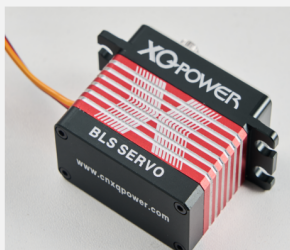
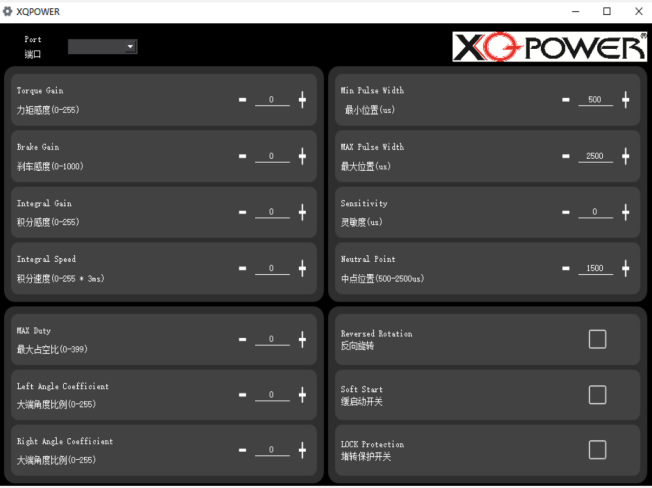


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.2020.6.25					
						VER		X81_8125.02					
						Page.		P.1					
						Prepare Date		20200630					
GSN		XQ-8S	Product Name	XQ-POWER 8.4V20kg-cm Hight Voltage Brushless Servo		Model	XQ-BLS8125TTL	Material	CNC all-metal case				
Process flow						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						-20°C ~ 70°C							
2-2 Operating Temperature Range						-15°C ~ 65°C							
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						0.12 sec/60°	
						4-3 Runnig current (no load)						300 mA	
						4-4 Peak stall torque						18 kg.cm	
						4-5 Stall current						2.8 A	
						Work Voltage						7.4 V	
						4-6 No load speed						0.09 sec/60°	
						4-7 Runnig current (no load)						350 mA	
						4-8 Peak stall torque						22 kg.cm	
						4-9 Stall current						3.5 A	
						Work Voltage						8.4 V	
						4-10 No load speed						0.07 sec/60°	
						4-11 Runnig current (no load)						410 mA	
						4-12 Peak stall torque						25 kg.cm	
4-13 Stall current						4.0 A							
Make table						CHECK		APPROVE					
MR.ZHONG						MR.LIU		Manager.ZHOU					
Photos2													

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.2020.6.25							
						VER		X81_8125.02							
						Page.		P.2							
						Prepare Date		20200630							
GSN		XQ-8S	Product Name	XQ-POWER 8.4V20kg-cm Hight Voltage Brushless Servo		Model	XQ-BLS8125TTL	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(when 1000 ~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														
5-11	Pass the test														
Accessories					NO.	Other				AQL					
Photos1 					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		