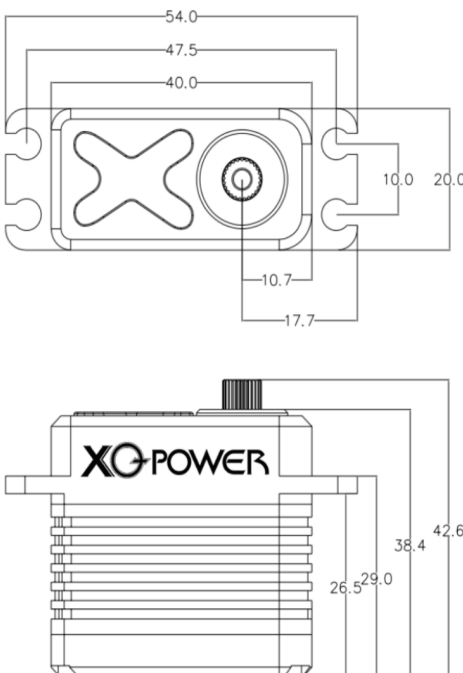
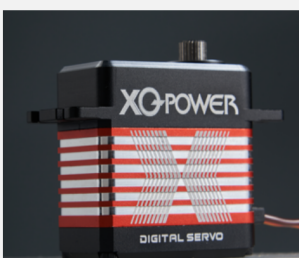
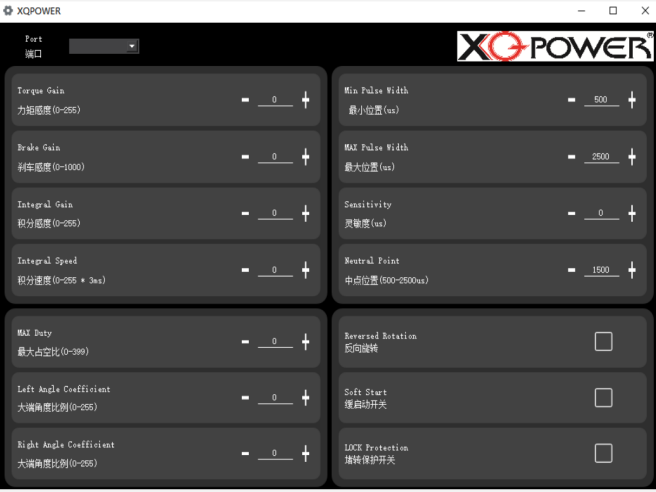


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.2019.3.26		
					VER		X81_8135.05		
					Page.		P.1		
					Prepare Date		20190326		
XQPOWER					Product Inspection Specification				
GSN	XQ-8S	Product Name	XQ-POWER 8.4V35kg-cm Hight Voltage Brushless Servo		Model	XQ-BLS8135D	Material	CNC all-metal case	
Process flow					CNC / industry testing torque				
SIZE OF THE DRAWINGS					Control Specifications				
					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		
The Drawings					3-11	Splash water resistance	Yes		
Photos1					Electrical Specification				
					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°		
Photos2					4-11	Runnig current (no load)	440 mA		
					4-12	Peak stall torque	35 kg.cm		
					4-13	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		
						VER		X81_8135.05		
						Page.		P.2		
						Prepare Date		20190326		
GSN		XQ-8S	Product Name	XQ-POWER 8.4V35kg-cm High Voltage Brushless Servo		Model	XQ-BLS8135D	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		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					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			