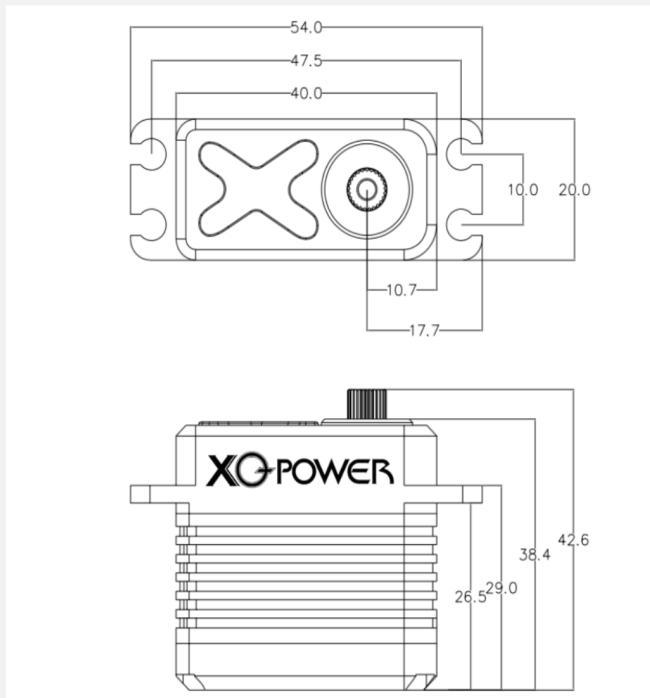
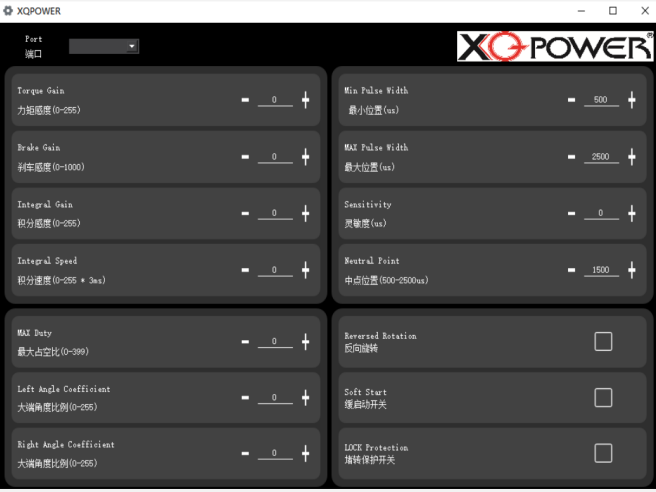


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.2019.3.26			
						VER		X81_8135.05			
						Page.		P.1			
						Prepare Date		20190326			
XQ-POWER						Product Inspection Specification					
GSN		XQ-8S	Product Name		XQ-POWER 8.4V35kg-cm Hight Voltage Brushless Servo		Model	XQ-RS8135D	Material	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°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			
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°			
						4-11	Runnig current (no load)	440 mA			
						4-12	Peak stall torque	35 kg.cm			
Photos2						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		
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						Prepare Date		20190326		
GSN		XQ-8S	Product Name	XQ-POWER 8.4V35kg-cm High Voltage Brushless Servo		Model	XQ-RS8135D	Material	CNC all-metal case	
Control Specification										
Test display diagram					EMPHASIS					
Photos1 					NO.	Item		Specification		
					5-1	Command signal		PWM / 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						