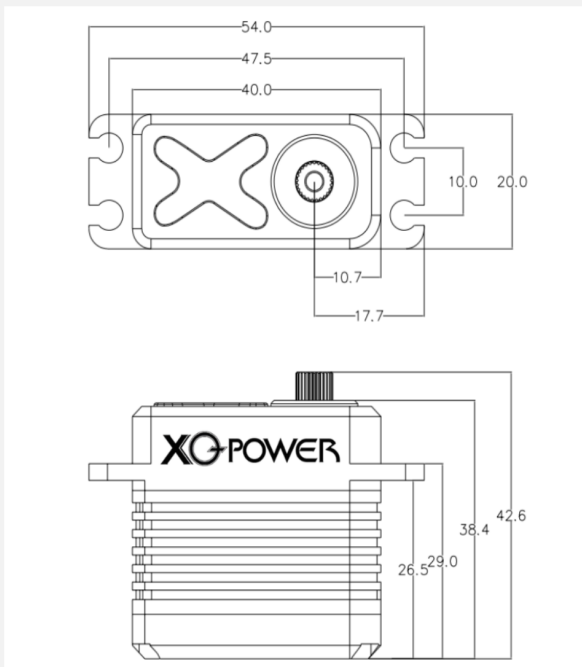
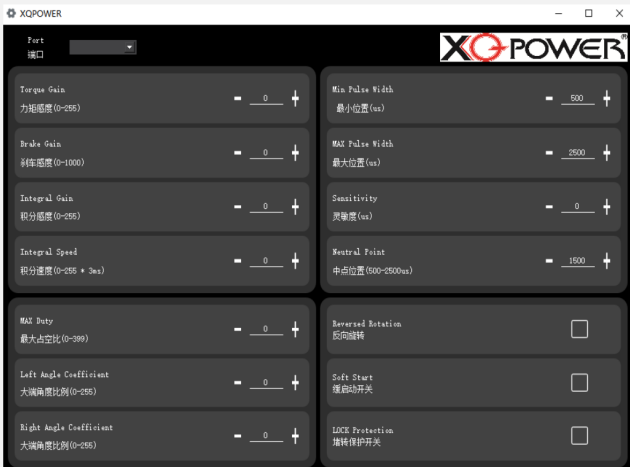


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20200321.1.2								
					VER		X8_8035.02								
					Page.		P.1								
					Prepare Date		20200405								
GSN	XQ-8S	Product Name	XQ-POWER 8.4V35kg-cm Hight Voltage Digital Servo		Model	XQ-S8035TTL	Material	CNC all-metal case							
Process 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	73g								
					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	Coreless 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	0.131 sec/60°													
4-3	Runnig current (no load)	320 mA													
4-4	Peak stall torque	28 kg.cm													
4-5	Stall current	3.7 A													
	Work Voltage	7.4 V													
4-6	No load speed	0.104 sec/60°													
4-7	Runnig current (no load)	370 mA													
4-8	Peak stall torque	34 kg.cm													
4-9	Stall current	4.5 A													
	Work Voltage	8.4 V													
4-10	No load speed	0.088 sec/60°													
4-11	Runnig current (no load)	440 mA													
4-12	Peak stall torque	40 kg.cm													
4-13	Stall current	5.2 A													
Photos2 										Make table	CHECK	APPROVE			
					MR.ZHONG	MR.LIU	Manager.ZHOU								

Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20200321.2.2			
					VER		X8_8035.02			
					Page.		P.2			
					Prepare Date		20200405			
GSN		XQ-8S	Product Name	XQ-POWER 8.4V35kg-cm Hight Voltage Digital Servo		Model	XQ-S8035TTL	Material	CNC all-metal case	
Control Specification										
Test display diagram					EMPHASIS					
Photos1 					NO.	Item		Specification		
					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(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				
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						