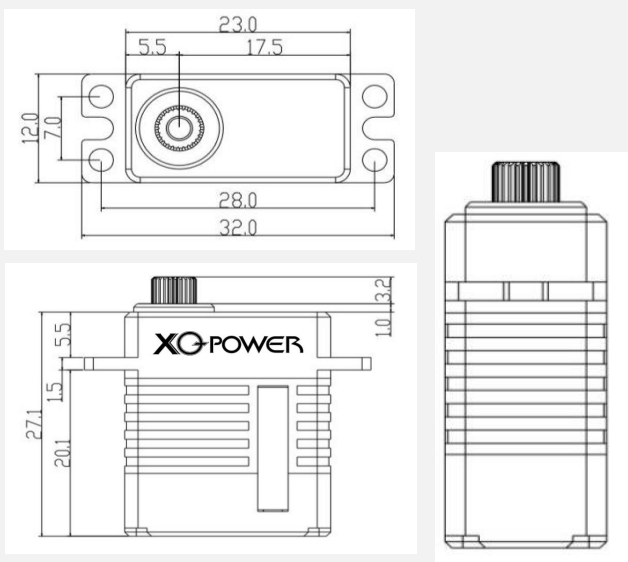
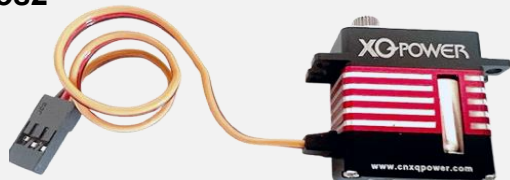


Shenzhen XQPOWER Technology Co., LTD XQPOWER Product Inspection Specification						DOCUMENT NO	N/D.20200321.1.2	
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						Prepare Date	20200321	
GSN	XQ-2S	Product Name	XQ-POWER 8.4V7kg-cm Hight Voltage Digital Servo	Model	XQ-S2007D	Material	CNC all-metal 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	12*23*27.1 mm		
				3-2	Servo Weight	20g		
3-3				Servo Gear	Stainless Steel			
3-4				Angle of limit	No Limit			
3-5				Servo Bearing	2 Ball bearings			
3-6				Output force shaft	25T-φ4.93mm			
3-7				Servo arm	Plastic, POM			
3-8				Case Material	Aluminium CNC			
3-9				Servo line	180mm 3P			
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	0.10 sec/60°		
				4-3	Runnig current(no load)	170 mA		
				4-4	Peak stall torque	5 kg.cm		
				4-5	Stall current	1.7 A		
						Work Voltage	7.4 V	
				4-6	No load speed	0.07 sec/60°		
				4-7	Runnig current(no load)	240 mA		
				4-8	Peak stall torque	6.2 kg.cm		
4-9				Stall current	2.2 A			
				Work Voltage	8.4 V			
4-10				No load speed	0.06 sec/60°			
4-11				Runnig current(no load)	300 mA			
4-12				Peak stall torque	7.0 kg.cm			
4-13				Stall current	2.5 A			
Photos2 				Make table	CHECK	APPROVE		
				MR.ZHONG	MR.LIU	Manager.ZHOU		

Shenzhen XQPOWER Technology Co., LTD  Product Inspection Specification					DOCUMENT NO	N/D.20200321.1.2	
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					Prepare Date	20200321	
GSN	XQ-2S	Product Name	XQ-POWER 8.4V7kg-cm Hight Voltage Digital Servo	Model	XQ-S2007D	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	96° (when1000~2000 μsec)	
				5-6	Dead band width	2 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