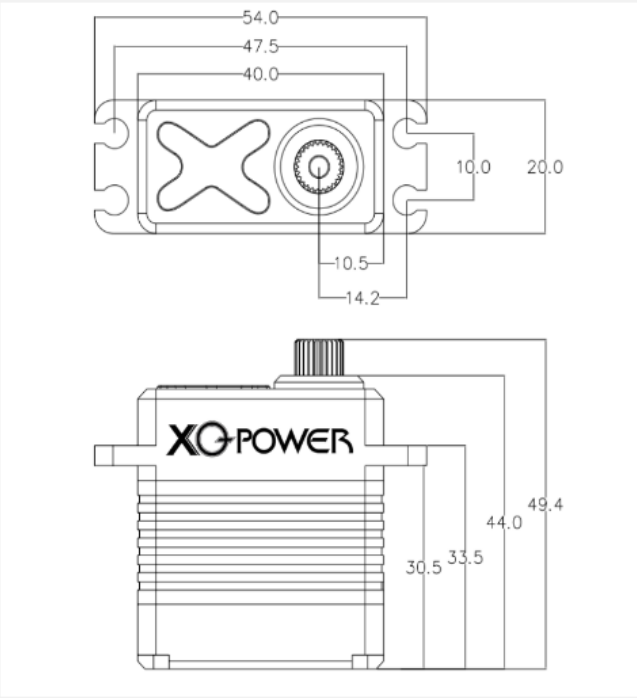
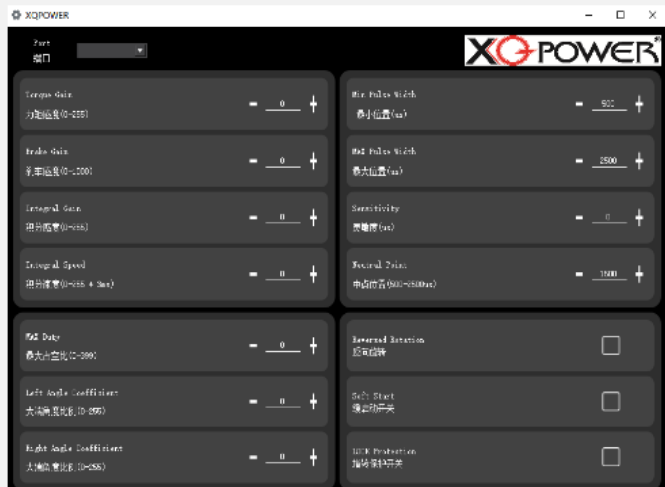


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.2025.07.01												
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XQPOWER					Product Inspection Specification														
GSN	XQ-8S	Product Name	XQ-POWER 16.8V85kg-cm Hight Voltage Brushless Servo		Model	XQ-BLS8185DC	Material	CNC 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*44 mm														
3-2 Servo Weight					92g														
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-φ7.96mm														
3-7 Servo arm					7075 Aluminium CNC														
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					8.4 V									
					4-2 No load speed					0.17 sec/60°									
					4-3 Runnig current (no load)					320 mA									
					4-4 Peak stall torque					42 kg.cm									
					4-5 Stall current					4.0 A									
					Work Voltage					12.0 V									
					4-6 No load speed					0.14 sec/60°									
					4-7 Runnig current (no load)					370 mA									
					4-8 Peak stall torque					60 kg.cm									
					4-9 Stall current					5 A									
					Work Voltage					16.8 V									
										4-10 No load speed					0.11 sec/60°				
										4-11 Runnig current (no load)					440 mA				
4-12 Peak stall torque										85 kg.cm									
4-13 Stall current										6.0 A									
Make table										CHECK									
Photos2					MR.ZHONG					MR.LIU									
										APPROVE									
					MR.ZHONG					MR.LIU									
										Manager.ZHOU									

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.2025.07.01	
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GSN	XQ-8S	Product Name	XQ-POWER 16.8V85kg-cm High Voltage Brushless Servo		Model	XQ-BLS8185DC	Material	CNC all-metal case
Control Specification								
Test display diagram					EMPHASIS			
Photos1 					NO.	Item	Specification	AQL
					5-1	Command signal	PWM / CAN	
					5-2	Amplifier type	Digital Controller	
					5-3	Pulse width range	800~2200 μsec customisable	
					5-4	Neutral position	1500 μsec	
					5-5	Running degree	360° (when1000-2000 μsec) Customization	
					5-6	Dead band width	2 μsec	
					5-7	Rotating direction	CCW (when1000~2000 μsec) customisable	
					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	AQL	
					6-1			
					6-2			
					6-3			
					6-4			
					Other Accessories			
					7-1	Plastic arm bag		
					7-2	Screw		
					7-3	Metal arm (additional purchase)		
								
					Make table	CHECK		APPROVE
					MR.ZHONG	MR.LIU		Manager.ZHOU