

# GS2505MG

Control System	Positive PWM control (50 μsec / 330hz Neutral)		
Operation Voltage Range	5V ~ 8.4V		
Operation Temperature Range	-15C° ~ +70C°		
Test Voltage:	At 5.0V	At 7.4V	At 8.4V
Torque	26kg.cm	35kg.cm	39kg.cm
Idle speed	0.10sec / 60°	0.06sec / 60°	0.05sec / 60°
Idle current	400mA	450mA	500mA
Running Current	3500mA	5200mA	5800mA
Death band width	2 μsec		
Circle	>15000 times/ idle load		
Direction	Anti-clockwise/ pulse travel 500 to 2500 μsec		
Running degree	180° or 270° (when 500 ~ 2500 μsec)		
Gear	Stainless Steel Gear		
Waterproof Level	IP66		
Drive type	FET drive		
Motor type	Coreless motor		
Potentiometer type	Indirect drive		
Amplifier type	Digital		
Size	40*20*38.5mm		
Weight	60g (without accessories)		
Ball bearing	Double ball bearing		
Gear material	Import steel gear		
Case material	Nylon plus fiber/ Aluminum Medium		
Connector Wire Length	300mm		
Connector Wire Gauge	22AWG. JR Universal		
Brown	Negative		
Red	Positive		
Orange	Signal		
Application	Car model; fixed-wing aircraft; helicopter; robot.		

