



Product Model	SC1250MGX
Signal Type	Digital
Motor Type	High Speed Brushless Motor
Operating Voltage	DC 6.0V-12.6V (HV)
Operating Angle	180° ± 1°(14bit ENCODER)
Control System	PWM Control(1500 uSec in the central point)
Pulse Width	500 to 2500 uSec(Support SR/SSR/SUR/SFR)
Working Frequency	50-2000Hz
Dead Band	2uSec
Operating Temperature	-20°C ~ +70°C
Case Material	Full CNC Aluminum
Bearing	All Ball Bearings
Gear Material	Strength Stainless Steel Oblique Gears
Horn Gear Spial	Ø6.0-25T
Waterproof Level	IP67
Programmable	Programmable Angle Support 720 Degrees
CE FCC Certification	Yes
Connector Wire	22AWG 300mm JR Silicone Wire
Dimension	40x20x40.5mm(1.57 x 0.78 x 1.59in)
Weight	80g(2.8oz)

Operating Speed	Stall Torque
7.4V@ 0.14sec / 60°	30kg-cm (416oz-in)3000mAh
8.4V@ 0.12sec / 60°	35kg-cm (486oz-in)3300mAh
11.1V@ 0.09sec / 60°	45kg-cm (625oz-in)4000mAh
12.6V@ 0.08sec / 60°	50kg-cm (694oz-in)4500mAh

