



Product Model	SC6055MGX
Signal Type	Digital
Motor Type	High Speed Coreless Motor
Operating Voltage	DC 6.0V-8.4V (HV)
Operating Angle	180° ±3°(Precision Potentiometer)
Control System	PWM Control(1500 uSec in the central point)
Pulse Width	500 to 2500 uSec
Working Frequency	50-800Hz
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 270 Degrees
CE FCC Certification	Yes
Connector Wire	22AWG 300mm JR
Dimension	40x20x40.5mm(1.57 x 0.78 x 1.59in)
Weight	80g(2.8oz)

Operating Speed	Stall Torque
6.0V@ 0.18sec / 60°	48kg-cm (666oz-in)3400mAh
7.4V@ 0.16sec / 60°	56kg-cm (777oz-in)4300mAh
8.4V@ 0.14sec / 60°	60kg-cm (833oz-in)5000mAh

