



Product Model	SC6145MGX
Signal Type	Digital
Motor Type	High Speed Brushless 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	∅6.0-25T
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@ 0.13sec / 60°	36kg-cm (500oz-in)4500mAh
7.4V@ 0.10sec / 60°	42kg-cm (583oz-in)5200mAh
8.4V@ 0.09sec / 60°	48kg-cm (666oz-in)6000mAh

