

Block Label (Block Name)	Parameter	Value	Units
Motor (Motor & Drive (System Level))	Continuous operation maximum torque	1	mN*m
	Continuous operation maximum power	3	W
	Motor and drive overall efficiency (percent)	74	–
	Speed at which efficiency is measured	3e4	rpm
	Torque at which efficiency is measured	1	mN*m
	Rotor inertia	8e−9	kg*m^2
	Rotor damping	2.5e−8	N*m*s/rad
Torque Command (PS Constant)	Constant	1	mN*m
Propeller (Aerodynamic Propeller)	Propeller diameter	0.057	m
	Thrust coefficient	0.1	–
	Power coefficient	0.05	–
	Fluid density	1.225	kg/m^3
	Propeller inertia	1.5e−7	kg*m^2
	Propeller mass	0.5	g
Battery (Table-Based)	Selected part	Panasonic NCA593446	-
	Expose SOC measurement port	Yes	-
Gain block	Gain	100	-

