1 Power Budget

Component/ System	Number	Duty cycle	Power usage W	Net Average
DRIVE UNITS (net 48.88 W)		********	*******	********
Motors - peak (30deg + 25 cm)	6	0.1	75.4/6	7.54
Motors - max speed, plane	6	0.2	72.6/6	14.52
Motors - nominal	6	0.4	35.1/6	14.04
Motors - turning	6	0.3	42.6/6	12.78
COMPUTING (net 84 W)				
SPC board	3	0.66	25	50
RMC-D	2	1.0	10	20
REU (hypothetical)	1	1.0	10	10
Motor controllers	2	1.0	2	4

Component/ System	Number	Duty cycle	Power usage W	Net Average