

Item	Quantity	Voltage (V)	Current (A)	Power (W)	Total Power (W)
Logic Level Relay	1	5	0.07	0.35	0.35
Bump Sensor	2	5	0.01	0.05	0.1
Wheel Motors	4	12	3.5	42	168
Motor drivers	4	5	0.03	0.15	0.6
Boundary Sensor	1	5	0.02	0.1	0.1
ESP32	2	5	0.4	2	4
Blade motor	1	48	15	720	720
Ultrasonic sensor	6	5	0.015	0.075	0.45
Compass	2	5	0.045	0.225	0.45
PZEM	2	5	0.02	0.1	0.2
TTL converter	3	5	0.01	0.05	0.15
MOSFET	1				0.0007
Nucleo f767zi	1	5	0.3	1.5	1.5
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