

Challenge

Challenge: Combine batteries in series and/or parallel to power a motor.

Motor Requirements

- 6V
- 150 mA
- Run for at least 48 hours

Battery Options

Type	Nominal Voltage(V)	Typical Drain (mA)	Capacity (mAh)
9 V	9 V	15	500
AAA	1.5 V	10	1,000
AA	1.5 V	50	2,400
C	1.5 V	100	6,000
D	1.5 V	200	13,000

Goal: Determine a battery configuration that satisfies the power requirements of the motor.