

0.1 Power System (MKWJOH004)

0.1.1 Context for design

The power system is required to power logic, sensing and stability system. Each of the system will have to be supplied with power based on the voltage and current ratings.

0.1.2 User Requirements

SBRM1-0-001	DC power supply
Requirement	Most electronic circuits use DC power supply
Rationale	Motorbikes are powered by batteries which only store DC power and therefore the circuitry with will be powered by DC power supply.
Refined By	SBRM1-1-001, SBRM-2-001
Verification	
Relevance to system	Will be used to power sensing and logic subsystems

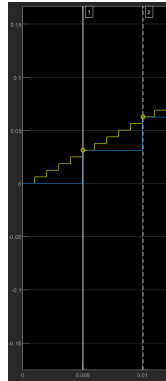


Figure 1: Comparing True Value vs Sensor Output