

Pi Power Evaluation 4-23-23

| | Power evaluation 4-23-23 | | | |
|--|--------------------------|----------------|-------------|--|
| | | Current | Method | Notes |
| | | | | |
| | Raspberry Pi 4B | 400mA | USB monitor | Varies |
| | Relay Hat added | 400mA | USB monitor | Various - little change, led added only |
| | | | | |
| | Relays turned on | | | |
| | 1 | 460mA | USB monitor | Varies, relay connected to 5V line, nothing connected to relay |
| | 2 | 475mA | | Each relay turned on added ~25mA to Pi load |
| | 3 | 505mA | | These are total Pi current draw plus relays |
| | 4 | 520mA | | |
| | 5 | 560mA | | |
| | 6 | 585mA | | |
| | 7 | 620mA | | |
| | 8 | 635mA | | |
| | | | | |
| | Capacitive Soil Sensor | 5.58mA | Meter | Connected to 3.3V line (Sensor alone) |
| | Gredia Flow Meter | 1.8mA - 2.38mA | Meter | Connected to 3.3V line (This is flow meter @WW purchased) |
| | TDA | 1.98mA | Meter | Connect to 3.3V line |
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