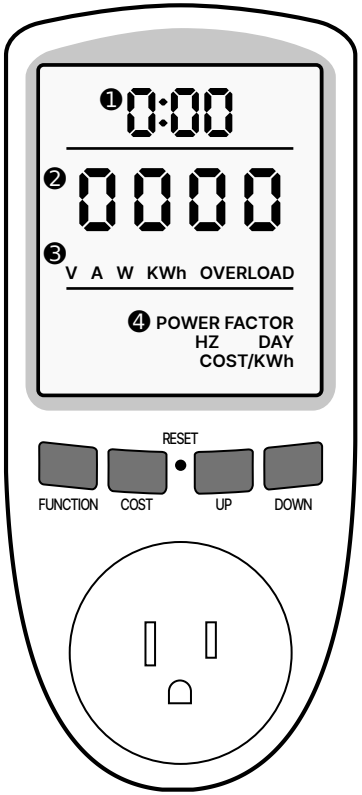
WATTMETER INSTRUCTIONS

SPARKLE LABS



❶ **Run time** Each 24 hours adds 1 ***DAY***.

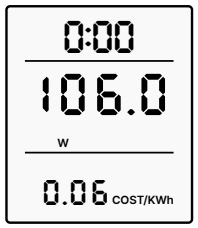
❷ **Power display** Volts, Amps, Watts, kWh.

❸ **V**: volts, **A**: amps (current), **W**: watts,
KWh: kilowatt/hour (electricity consumption),
OVERLOAD: power overload reminder.

❹ **HZ**: AC frequency, **DAY**: Elapsed day count,
COST: Total cost of electricity since recording began.
COST/KWh: Price of electricity (set by user),
POWER FACTOR: Active power and apparent power ratio.

FUNCTION Cycle through *displays*.
COST Show user set cost of electricity.

Setting the Cost:
- Long press **COST** to edit.
COST/KWh will flash.
- Press **FUNCTION** to cycle through digits.
- Press **UP/DOWN** to change digits.
- Press **COST** to save and exit.



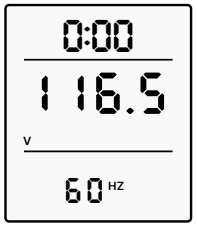
Display 1:
Shows the amount of watts currently being drawn and the total cost of electricity since measurement began.

Display 2:
Total kilowatt hours used and number of days elapsed.

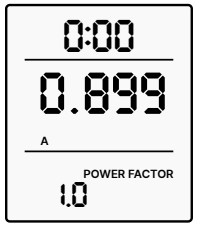
The **Watt Meter** is used to measure the electricity consumption of household appliances and calculate the cost of the electricity used.

The built-in rechargeable battery charges when the unit is plugged in.

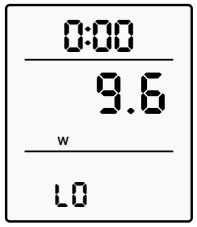
Press the **RESET** button to reset the system to the factory default settings and restart the time measurement. The **Cost/kWh** will have to be reentered after reseting.



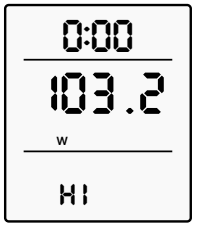
Display 3:
Power supply voltage and frequency. Should be around 120v and 60hz in the U.S.A.



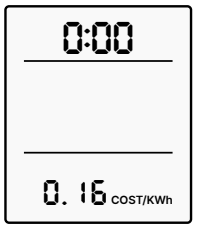
Display 4:
Real -time current of the connected appliance.



Display 5:
Minimum power draw so far.



Display 6:
Maximum power draw so far.



Display 7:
Shows the user set cost of electricity.

DATA LOG

NAME _____ DATE _____ INSTRUCTOR _____

SPARKLE LABS

APPLIANCE	APPLIANCE	APPLIANCE
COST/KWH	COST/KWH	COST/KWH
START TIME	START TIME	START TIME
START DATE	START DATE	START DATE
END TIME	END TIME	END TIME
END DATE	END DATE	END DATE
MIN POWER	MIN POWER	MIN POWER
MAX POWER	MAX POWER	MAX POWER
TOTAL TIME	TOTAL TIME	TOTAL TIME
TOTAL KWH	TOTAL KWH	TOTAL KWH
TOTAL COST	TOTAL COST	TOTAL COST
NOTES	NOTES	NOTES