

## Binogi Video: Power, Current, and Voltage

Bilingual Concept List
The Escape Projects

Concept in English	Concept in Another Language	Image
Electrical Current The rate at which electrical charge flows past a point in a circuit.		
Ampere A unit for measuring the electric current.		Power = Current · Voltage Watts = Amperes · Volts
Voltage A measure of the difference in electrical charge between two points in a circuit.		- Stronger or weaker "urge" to go through the device  Higher voltage  Lower voltage
Power The rate at which electrical energy is used or transferred by a device.		Power = Current · Voltage  9W = 1,5A · 6V
Volt A unit for measuring the force that moves an electric current.		Power = Current · Voltage 3W = 2A · 1,5V
Watt A unit for measuring power, which is equal to the rate of one joule per second or to the power produced by a current of one ampere across a potential difference of one volt.		Shorter time Longer time





