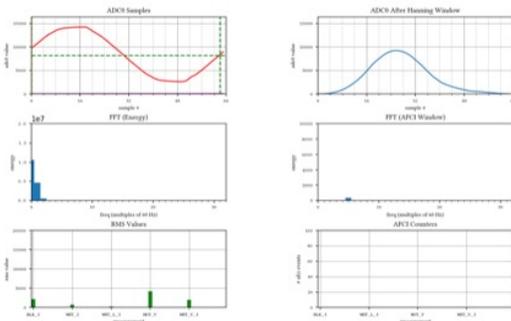


**Intelligent Power Monitoring Receptacle For Data Acquisition of Voltage & Current
 With Unparalleled All-In-One Safety:
 Tamper Resistance, GFCI, AFCI, Overcurrent & Surge Protection.**



Multiple Display Modes



**Unparalleled All-In-One
 Tamper Resistance, GFCI,
 AFCI, Overcurrent and Surge
 Protection**

**Unparalleled Real Time Power
 Monitoring & Reporting**

**Access to API-generated
 monitoring, reporting & control**

**OPTIONAL – DIRECT WIRE
 And PLC compatibility**

AMPS	15 Amp/20 Amp, 125-Volt (Rated at 20 Amps, configurable at assembly to 15A or 20A). 240 Volt Single Phase.
WIRING TYPE	3 wire.
WIRING	Extension cord with male plug; Sensor Box with female blade/prong input(s); communications port and cable for connection to user's computer for API controlled real time monitor display, and for data storage
CONFIGURATION	Straight blade for 15A and rotated for 20A
FUNCTION TYPE	Duplex (<i>Optional Single Outlet</i>)
GRADE	Residential, Commercial, Industrial, Military, Hospital
GROUNDING TYPE	Grounded
INDOOR/OUTDOOR	Indoor
STATUS LIGHTS	Bi-colour LED to indicate fault condition(s)
MISWIRING	If black not connected power is not supplied. LED is off when power not provided.
MOUNT LOCATION	Plugs directly into outlet
NUMBER OF PRONGS	accepts both 2 or 3 prongs
RECEPTACLE VOLTAGE	125V code; 240 Single Phase



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Unparalleled Tamper Resistance, GFCI, AFCI, Over-current & Surge Protection.

Brainwave's AllSafe™ Tamper Resistant (TR) Receptacle allows unparalleled tamper resistance safety, providing a safer, superior electronic approach to help prevent users from electrical shock from unintentional activation of live 125v power when conductive foreign objects are inserted or live electrically powered plug blades/prongs unintentionally come in contact with metal (ground); e.g. are live for short time until completely removed.

Brainwave's AllSafe™ TR receptacle provides an electronic sensing system to detect the presence of electrical prongs/blades rather than the traditional spring loaded gates, shutters or sliders.

The AllSafe™ TR™ will only activate and provide power safely once simultaneous contact is made by both hot and neutral plug blades (within 350 milliseconds). The receptacle does not have spring loaded shutters and accordingly does not restrict insertion of the plug prongs into the outlet.

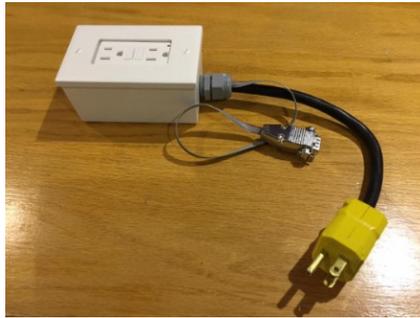
Ground Fault Circuit Interrupters (GFCI) protect against electrical shock (protection is required within a certain distance from water; e.g. bathrooms, kitchens).

Arc Fault Protection Interrupters (AFCI) protect against electrical fires. AFCI protection is usually required for each circuit.

Not only is Brainwave's GFCI, AFCI, Over-current and Surge Protection electronic - rather than electromechanical - resulting in faster response to power faults, but its patent pending technology maintains power in an off state, turning the power on continually during each cycle (milliseconds), if and only if no fault is detected resulting in increased unparalled safety.



DYNAMIC POWER MONITORING & CONTROL (PLC Compatible) Intelligent Power Monitoring Receptacle for Data Acquisition of Voltage and Current



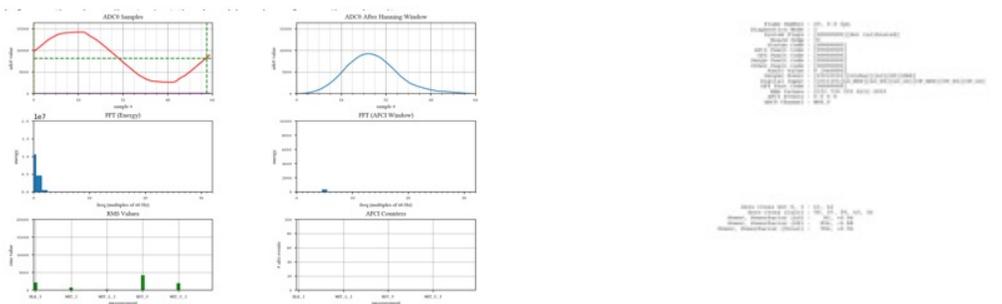
DUPLEX OUTLET

APPLICATIONS: Power monitoring, control and data collection for Appliances and Industrial Equipment. Examples: Hair dryer, toasters, blenders, microwave, motors, vacuum cleaners, air conditioners, dishwashers, clothes dryers, drying cabinets, freezers, refrigerators, kitchen stoves, water heaters, washing machines, trash compactors, microwave ovens, induction cookers and any appliance that can benefit from enhanced safety and power control.

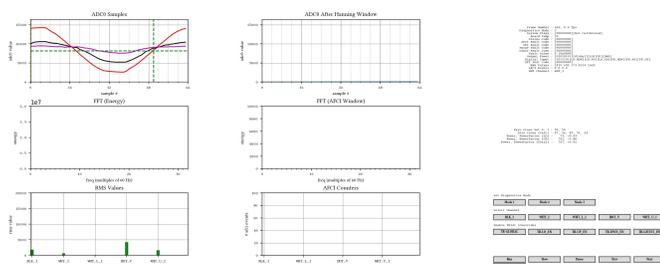
The system module monitors signals in real time: including frequency analysis and phase relationships, actual power consumed, reactive power, power factor.

Information is collected at the load level, or for entire circuits.

Software collects and reports true energy use and equipment power use profiles, in real time or for subsequent analysis. All the data can be recorded & replayed back.



Example: The hot volts is being monitored. (e.g. can see FFT; arc related info is coming out here)



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**MULTIPLE SIGNALS – HOT VOLTS & CURRENTS
 INCLUDING POWER FACTOR REPORTING**