Smart Meter Reader ©
SMR-1 Pulse Generator

Read Smart Meters Wirelessly, in Real Time

Energy Usage (KWh).

Instantaneous Demand (KW).

Output in KYZ pulses.

Input to Demand Controllers, Energy Management, ADR, and Energy Storage systems.

Specifications

Electrical: 120, 208-277 VAC. Burden: 10 VA

Output: Two, Form A (2-Wire) or Form C (3-wire) Solid State dry-contact outputs rated at 100mA at 120V, 800mW maximum, fused at .1A

Output Mode: Toggle or momentary mode, four time settings 50mS 100mS, 200mA or 500mS

Output Range: Switch selectable 10, 20, 50, 100, 200, 500, 1000 or 2000 watt-hours per pulse.

Radio Dongle: Zigbee, IEEE 802.15.4, dongle, up to 150 ft. line of sight range.

Size: 3.1” high, 7.2” wide, 1.5” deep

Environmental: -38° C to +70° C, -36.4° F to +158°F, Humidity 0 to 98% non-condensing (indoor or NEMA 4X use only)

Mounting: Any Position

Power Planet
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Make full use of the Smart Meter, get energy usage directly in real time via wireless Zigbee®. Output to your energy management controls or monitoring system in industry standard KYZ pulses. Pulses are field configurable to 10, 20, 50, 100, 200, 500, 1000 or 2000 watt-hours per pulse, and available on two output channels. Works with AMI Smart Meters like Centrion Open Way in these utilities: SCE, SDG&E, PG&E, and Oncor. No more working on live switchboards or installing expensive CT’s. Be up and running in 30 minutes. Demand Charge Management Made Easy...