

CPC's New AC / DC UtiliMeter™

A pre-payment dispenser of AC or DC electricity that allows customers to purchase any amount of electricity service at any time using their own "smart-chip" Power Service Key.®



The latest smart-chip technology gives customers new flexibility to buy just the amount of electricity they need when they want it. Utilities keep collection costs low because customers purchase electricity in advance.

Features of CPC's UtiliMeter™

- ▶ A pre-payment dispenser of utility-grade AC or 12V DC electricity
- ▶ Latest, state-of-the-art, microprocessor circuitry with Radio Frequency Identification key
- ▶ Customer uses electronically personalized Power Service Key® to purchase any amount of electricity service from local shops or utility office
- ▶ Numeric display, LED lights, beep tones and graphics inform customer of transfer of electricity credits, available service units, low service levels and fault conditions
- ▶ Advanced circuitry provides Ground Fault (Earth Leakage) detection to protect customers
- ▶ Main safety switch on front panel allows customers to switch off all power
- ▶ On-board data acquisition gives Utility Company historic information about each customer's use of electricity
- ▶ Fully tamper proof with electronic detection / auto-disconnect and mechanical seal
- ▶ Extremely low parasitics to keep overhead power consumption at minimum
- ▶ Maximum peak power adjustable from 2 to 15 amperes. (115 to 240V AC, 50-60 Hz (1P) or 12V DC)
- ▶ Completely safe. Non-conducting, molded plastic case with fully potted circuit board



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(The UtiliMeter is a joint project between CPC and Shell Renewables)

November 2000