



ANSI smart energy meter-2S-Modbus-Multi-rates

Bi-directional active energy measuring , Bi-directional reactive measuring

Records MD and its occurent time for latest 12 months

Date memory recording including 1-12 month

LCD display, 6 integer 2 decimal, meter display when power fails

Clear green backlight display

IR port

Modbus RTU with 16 bit CRC

1,2,3 and 4 tariff meter option

Accord with standard: ANSI C12.10-2004 Enclosure

ANSI C12.20-2002 accuracy classes

Memory back-up (EEprom)



Characteristics

Type of measurement	Voltage, Ampere, kW, kvar, PF, Hz, +kWh, -kWh, ΣkWh, -kvarh, +kvarh
CT range	TA15 CL100/TA20 CL200
Rated voltage	120/240V
Frequency (Hz)	50 or 60Hz
Maximum value measured	999999.99kWh 999999.99kvarh
Power consumption	<2W 10VA
RS485 cable	AWG18

Time of Use

Rates	0~4
Separtate Import & Export Registers	585
Programmable special days	64
Time-keeping accuracy	<0.5S/day
Power off clock running time	>5 years

Modbus serial comms

Protocol	Modbus RTU with 16 bit CRC
Baud Rate(bps)	1200,2400,4800,9600(default)
Bus loading(pcs)	< 64

Dimension

Diameter (mm)	176
Height (mm)	131

Environmental

Operating temperature	-25°C - +55°C
Storage temperature	-40°C - +70°C

