



smartNRG a division of XS Enterprises LLC

SMS2203

ANSI Socket Single Phase Energy Meter

Information

The S2203- series are socket mounted single phase electronic active energy meters. They adopt many advanced technologies of research and development, like microelectronic-techniques, specialized large-scale IC (integrated circuit), digital sampling and processing technology, SMT technique, and so on. Their technical performances completely conform to Standards ANSI C12.1, C12.10, C12.20. They can directly and accurately measure the load active energy consumption in the single phase two wire & three wire AC networks of rated frequency 50Hz or 60Hz and used indoors or outdoors. They have features with excellent long-term reliability, small volume, light weight, perfect appearance, easy installation, etc.

Specifications

1	Type	DDS2203-1L LCD
2	Display	LCD 6digit + 2 Decimal
3	Accuracy	Class 1
4	Rated Voltage (Un)	220V Or 240V Or Other
5	Base Current (Ib)	10A,30A Or Other
6	Max Current (Imax)	100A, 200A Or Other
7	Frequency (Hz)	50Hz Or 60Hz (±5%)
8	Starting Current (mA)	0.4% Ib
9	Power Consumption of Current	≤1W 10VA Per Phase
10	IP Class	IP54
11	AC Voltage Withstand	2KV for 1 Minute
12	Impulse Output Rate (Imp/kWh)	Kt1.25, Kt1.5,Kt2.5 Or Other
13	Operating Temperature	-20℃ To +55℃
14	Storing Temperature	-40℃ To +70℃
15	Operating Humidity	≤75%
16	Storing Humidity	≤95%
17	Communication	IR/RS-485/2G/3G/4G/LoRaWAN
18	LCD Display Backlight	Optional
19	Battery	Yes
20	Relay	Optional

Function In Display And Monitoring

LCD Display 6digits+2Decimal, Hz, kW, V, A, MD

Rev led indicator, Impulse led indicator, IR Communication