



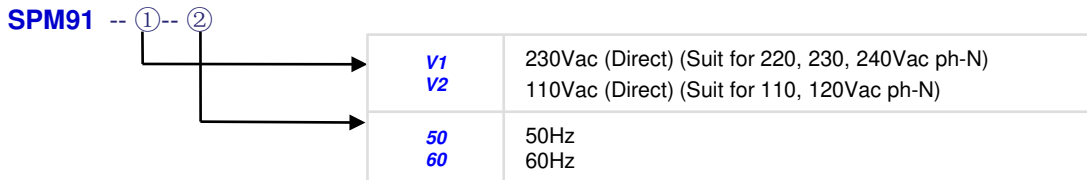
Basic Function

- Suit for 110V, 120V, 220V, 230V, 240V AC low voltage system
- Measure U, I, P, Q, S, PF, kWh, kvarh, LCD display U, I, P, kWh
- 6 +1 digits LCD display (999999.9 kWh)
- LED indicates pulse output
- Password protection
- One key for up/down page, one key for programming
- Small size: 100*36*65mm
- RS485 port , MODBUS-RTU or DTL645 protocol (Optional)
- 35mm DIN rail installing, standard DIN ED5002
- Standard: IEC62053-21

Technical Specification

| | | | |
|----------------------------|--|--------------------------|---|
| Display | 6 +1 digits LCD display (999999.9 kWh) | Pulse output | 1 channels |
| Accuracy | kWh Class 1.0 | Communication | RS485 port, MODBUS-RTU and DTL645 communication protocol |
| Rated voltage | AC 220Vph-N or 120Vph-N (Optional) | | Address: 1~247 |
| | Range: 0.8Un~1.2Un | | Baud rate: 2400, 4800, 9600bps (Default) |
| Rated(Max.) current | 5 (63)A | Creeping | Anti-creeping logic design |
| Start current | 0.4%Ib | Dimension (L*W*H) | 100*36*65mm |
| Power consumption | <2W | Weight | 190g |
| Frequency | 50Hz/ 60Hz (Optional) | Environment | Operating temperature: -20℃~ +55 ℃ Storage temperature: -25℃~ +70 ℃ Humidity: 5%~95% non-condensing |

Order Information



Example: Model No. SPM91-V1-50, which indicate the device provides one RS485, one pulse output, rated input voltage 230Vac, frequency 50Hz, rated current 5(63A).

Note: Communication Protocol default to MODBUS-RTU Protocol , if customer need DTL645 protocol, please mention us when placing order



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