



Basic Function

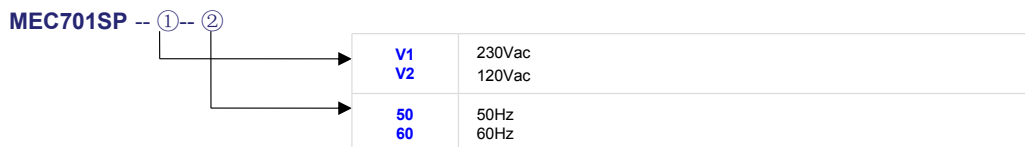
- Suit for 230V AC low voltage system
- Measure and display , kWh
- 5 + 2 digits LCD display (99999.99 kWh)
- LED indicates pulse output high. Resolution 1600 IMP/KWH
- Password protection
- Friendly interface RS485 for programming
- Small size: 115*76*65 mm
- RS485 port , MODBUS-RTU communication protocol
- 35mm DIN rail installing, standard DIN ED5002

Technical Specification

Display	5 +2 digits LCD display (99999.99 kWh)
Accuracy	kWh Class 1.0
Rated voltage	AC 230Vph-N or 110Vph-N (Optional) Range: 0.8Un~1.2Un
Rated(Max.) current	5 (80)A
Start current	0.4%Ib
Power consumption	≤ 1W (When 220 V, 20A.)
Frequency	50Hz/ 60Hz (Optional)

Pulse output	1 channels
Communication	RS485 port, MODBUS-RTU communication protocol Address: 1~247 Baud rate: 9600bps (Default)
Creeping	Anti-creeping logic design
Dimension (L*W*H)	115*76*65mm
Weight	266 g
Environment	Operating temperature: -20℃~ +55 ℃ Storage temperature: -25℃~ +70 ℃ Humidity: 5%~95% non-condensing

Order Information



Note:

1. MEC01SP allow direct current input 80A, rated current is 5A
2. Standard MEC701SP has one RS485 and one pulse output.

Example: Model No. MEC701SP-V1-50, which indicate the device provides one RS485 (MODBUS protocol), one pulse output, rated voltage 230Vac/ 50Hz, rated current 5(80A).