# Growatt Smart Meter

SPM-C/TPM-C

- Class 1 measurement accuracy
- LCD display, easy to operation and check
- Compatible with Growatt storage and solar inverters




POWER-ING TOMO-RROW

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| Datasheet | SPM-C | TPM-C |
|---|---|---|
| **General Data** | | |
| Dimension (W/D/H) | 36/98/65mm | 72/100/65mm |
| Weight | 260g | 398g |
| Mounting type | DIN rail 35mm | |
| Operating temperature range | -25℃~55℃ | -10℃~45℃ |
| Storage temperature range | -35℃~70℃ | -25℃~70℃ |
| Operating humidity | 0 to 75%, non-condensing | |
| Environment protection rating | IP51(indoor) | |
| **Electrical Data** | | |
| Power grid type | 1P2W | 3P4W |
| Input voltage | 184~264.5VAC (L-N) | 320~460VAC (L-L) |
| Frequency | 50/60Hz | |
| Normal current/Max. current | 5A/80A | 5A/80A |
| **Measurement Range** | | |
| Voltage Accuracy | 1% | |
| Current Accuracy | 1% | |
| Active Power Accuracy | 1% | |
| Frequency Accuracy | 1% | |
| **Communication** | | |
| Interface | RS485 | |
| Baud rate | 9600 | |
| Communication protocol | Modbus RTU | |
| Accessories | RS485 Cable (15m) | |
| CE | | |

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# Growatt Smart Meter

SPM-CT-E/TPM-CT-E

- Class 1 measurement accuracy
- LCD display, easy to set and check
- Meter with CT for easy installation
- Compatible with Growatt storage and solar inverters




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| Datasheet | SPM-CT-E | TPM-CT-E | |
|---|---|---|---|
| **General Data** | | | |
| Dimension (W/D/H) | 118/64/18mm | 94.5/72/65 mm | |
| Weight | 80g | 280g | |
| Mounting type | DIN rail 35mm | | |
| Operating temperature range | -25℃ to +55℃ | | |
| Storage temperature range | -40℃ to +70℃ | | |
| Operating humidity | 0 to 90%, non-condensing | | |
| Environment protection rating | IP51 | | |
| **Power Supply** | | | |
| Power grid type | 1P2W | 3P4W | |
| Input voltage | 184~276VAC (L-N) | 173~480VAC (L-L) | |
| Frequency | 50/60Hz (45~56)Hz | | |
| **Measurement Range** | | | |
| Voltage Accuracy | 0.5% | | |
| Current Accuracy | 0.5% | | |
| Power Accuracy | 1% | | |
| Frequency Accuracy | 0.2% | | |
| **Communication** | | | |
| Interface | RS485 | | |
| Baud rate | 9600 | | |
| Communication protocol | Modbus RTU | | |
| **Others** | | | |
| Accessories | R5485 Cable (15m) | | |
| | CT*1 (5m) | CT * 3 (5m) | |
| | 100A/40mA/Ø16mm | 100A/40mA/Ø16mm | 250A/40mA/Ø24mm |
| |  |  | |
| Certification | CE | | |

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