

# Growatt Smart Meter

SPM-E/TPM-E

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



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P O W E R  
- I N G  
T O M O R R O W

| Datasheet                     | SPM-E                    | TPM-E            |
|-------------------------------|--------------------------|------------------|
| General Data                  |                          |                  |
| Dimension (W/D/H)             | 36/99/63mm               | 72/94.5/65 mm    |
| Weight                        | 223g                     | 398g             |
| Mounting type                 | DIN rail 35mm            |                  |
| Operating temperature range   | -25°C to +55°C           |                  |
| Storage temperature range     | -40°C to +70°C           |                  |
| Operating humidity            | 0 to 90%, non-condensing |                  |
| Environment protection rating | IP51                     |                  |
| Electrical Data               |                          |                  |
| Power grid type               | 1P2W                     | 3P4W             |
| Input voltage                 | 184~276VAC (L-N)         | 320~520VAC (L-L) |
| Frequency                     | 50/60Hz (45~56)Hz        |                  |
| Normal current/Max. current   | 10A/100A                 |                  |
| 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               |                  |
| Accessories                   | R5485 Cable (15m)        |                  |
| Certification                 | CE                       |                  |