



## Leading - edge Technology

- ▶ High accuracy measurement
- ▶ Energy meter for both PV and battery systems
- ▶ Support RF communication with Raillog
- ▶ Single-phase and three-phase meter optional
- ▶ Quick plug-and-play installation
- ▶ Support Zero-export function with Growatt inverters
- ▶ Energy manager with ShineLink

**Datasheet**

**Growatt SPM**

**Growatt TPM**

**Inputs (voltage and current)**

Normal voltage	230V	230V/400V
Normal current/Max. current	10A/100A	10/100A
voltage range	176~276V AC (L-N)	100~289V(L-N) 173~500(L-L)
Frequency	50/60Hz (±10%)	50/60Hz (±10%)
Start up current	40mA	40mA
Connection cross-section	≤25mm <sup>2</sup>	≤25mm <sup>2</sup>
Torque for screw terminals	2.0Nm	2.0Nm

**General data**

Dimensions	36*99*63mm	72*100*66mm
Weight	0.2KG	0.42KG
Operation temperature range	-25 °C ... +55 °C	-25 °C ... +55 °C
Relative Humidity	0 ~95%	0 ~95%
Mounting	DIN Rail (Indoor)	DIN Rail (Indoor)
Display	LCD	LCD
Self-consumption	<2W	<2W
Measurement accuracy	1%	1%
Communication	RS485	RS485

**Certificate**

CE, RoHS