

# 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



P O W E R  
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R R O W O

**GROWATT**

[www.ginverter.com](http://www.ginverter.com)

Datasheet	SPM-CT-E	TPM-CT-E
<b>General Data</b>		
Dimension (W/D/H)	118/64/18mm	94.5/72/65 mm
Weight	80g	280g
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	
<b>Power Supply</b>		
Power grid type	1P2W	3P4W
Input voltage	184~276VAC (L-N)	173~480VAC (L-L)
Frequency	50/60Hz (45~56)Hz	
<b>Measurement Range</b>		
Voltage Accuracy	0.5%	
Current Accuracy	0.5%	
Power Accuracy	1%	
Frequency Accuracy	0.2%	
<b>Communication</b>		
Interface	RS485	
Baud rate	9600	
Communication protocol	Modbus RTU	
<b>Others</b>		
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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Datasheet	SPM-E	TPM-E
<b>General Data</b>		
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	
<b>Electrical Data</b>		
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	
<b>Measurement Range</b>		
Voltage Accuracy	0.5%	
Current Accuracy	0.5%	
Power Accuracy	1%	
Frequency Accuracy	0.2%	
<b>Communication</b>		
Interface	RS485	
Baud rate	9600	
Communication protocol	Modbus RTU	
Accessories	RS485 Cable (15m)	
Certification	CE	