

Growatt Smart Meter

SPM-CT-G/TPM-CT-G

- Class 1 measurement accuracy
- Overall power consumption ≤ 1 W
- Meter with CT for easy installation
- Compatible with Growatt storage and solar inverters



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

Datasheet	SPM-CT-G		TPM-CT-G	
General Data				
Dimension (W/D/H)	90/45/65mm			
Weight	174g			
Mounting type	DIN rail 35mm			
Operating temperature range	-30°C ... +65°C			
Storage temperature range	-40°C ... +70°C			
Operating humidity	0 to 85%, non-condensing			
Environment protection rating	IP20			
Power Supply				
Power grid type	1P2W	3P4W	3P3W	
Input voltage	100~330V(L-N)	100~330V(L-N)	100~416V(L-L)	
Frequency	50/60Hz (45~65)Hz			
Measurement Range				
Voltage Accuracy	0.5%			
Current Accuracy	0.5%			
Power Accuracy	1%			
Frequency Accuracy	0.2%			
Communication				
Interface(Max.distance)	RS485(200m)			
Baud rate	9600bps, 19200bps (default), 38400bps			
Communication protocol	Modbus RTU			
COM address range	10~19 (10 is default)			
Others				
Accessories	R5485 Cable (15m)			
	CT*1 (5m)		CT * 3 (5m)	
	100A/40mA/Ø 16mm	250A/40mA/Ø 24mm	100A/40mA/Ø 16mm	250A/40mA/Ø 24mm
				
Certification		CE, UKCA, RoHS		