

TPM-6CT-C

(TPM-6CTA-C-100, TPM-6CTC-C-250)

- Class 1 measurement accuracy
- Plug-play CT connection
- LCD display, easy to set and check
- Flexible extension of existing PV system



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Datasheet	TPM-6CTA-C-100	TPM-6CTC-C-250
General data		
Dimension (W/D/H)	100/72/65.5mm	
Weight	230g	
Mounting type	DIN-Rail Mounting	
Operating temperature range	-25°C ~ +55°C	
Storage temperature range	-40°C ~ +70°C	
Operating humidity	<75%, non-condensing	
Environment protection rating	Level 2	
Power supply		
Power grid type	3P4W	
Input voltage range	100~415V (3P3W) L-L 57.7~240V (3P4W) L-N	
Frequency	50/60Hz	
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		
Communication cable	RS485 Cable (length: 15m)	
CT number	2*3 CT (length: 6m)	
Maximum detection	100A	250A
Secondary current	40mA	50mA
Inner diameter	16mm	24mm
Demos		
Certification	CE	

* Growatt MOD 3-10KTL3-XH(BP) or MID 11-30KTL3-XH inverters work with the TPM-6CT-C meter can be used as a retrofit solution for an existing three-phase PV system.

* When installing the TPM-6CT-C meter, the CTs of CT1 must be snapped to the grid side and the CTs of CT2 to the AC output of the third-party inverter.

* System retrofit solution supports control the power generation of Growatt inverter, but not the existing inverter.