

Growatt Smart Meter

SEM5-1 smart meter

- Class 1 measurement accuracy
- Meter with CT for easy installation
- Compatible with Growatt NEXA 2000 and AURA 5000
- Local lora wireless communication



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Datasheet		SEM5-1 smart meter
General data		
Dimension (W/D/H)		35/70/90.5mm
Weight		132.2g
Mounting type		DIN-Rail Mounting
Operating temperature range		-25°C to +55°C
Storage temperature range		-40°C to +70°C
Operating humidity		0 to 95%, non-condensing
Environment protection rating		IP20
Power supply		
Power grid type		1p2w, 3p4w, 3p3w
Input voltage		100-277V phase voltage 208-480V line voltage
Frequency		50/60Hz
Measurement range		
Voltage Accuracy		0.2%
Current Accuracy		0.2%
Power Accuracy		1%
Frequency Accuracy		±0.1%
Communication		
RF		868MHZ
Maximum transmission distance		120m (depending on the installation environment)
Others		
Accessories	CT Number	CT*3 (1m)
	CT Specification	120A/40mA/ 16mm
	CT Image	
Certification		CE