

MANGO POWER Smart Gateway Lite

For MANGO POWER S Series Only



High-Precision Control

$\pm 0.5\%$ revenue-grade power monitoring.



Rapid Zero-Export

Ultra-fast $\leq 0.25\text{s}$ anti-backflow response.



Smart Connectivity

Integrated Wi-Fi, real-time App access



Error-Proof Setup

Auto-detects CT and phase errors.



Plug-and-Play Design

Supports both plug-in and hard-wired.



Models		MANGO POWER Smart Gateway Lite
Power Supply		
AC input voltage range(Vac)		100~240(L-N)
Nominal AC frequency(Hz)		60
Max. operating current(A)		200
Measurement Accuracy		
Time measurement accuracy		≤0.25s/T
Voltage accuracy		±0.5%
Current accuracy		±0.5% (2~80A), ±1% (1~2A), ±2% (0~1A)
Power accuracy		±0.5%
Mains frequency accuracy		45~65Hz, ± 0.2%
Communication		
Interface		Wi-Fi(2.4GHz)
Max. RF power(dBm)		< 20
Features		
Phase sequence error detection		Support
CT direction reverse connection detection		Support
Data Storage		Cloud-dependent (App History)
Insulation resistance		Input and output terminals to casing >100MΩ
Power consumption		<1W, <10VA
General Data		
Dimensions (W / H / D)[mm]		125.6×97.6×28.6
Weight(kg)		0.2
Operating temperature range		-25°C~ 55°C (-13 °F ~131 °F)
Storage temperature range		-40°C~ 85°C (-40 °F ~185 °F)
Relative humidity		≤ 95% (without condensation)
Ingress protection rating		IP20
Altitude (m)		≤ 2000 (6562ft)
Powering Method		Hard wired
Mounting Type		Wall-mount/Surface-mount
Warranty		3 Years