



The CT-GPS 25L is designed to provide the most precise time to the network mainly in the traditional power utilities substations and some other applicable automation devices. Depending on the internal receiver configuration, it is capable of referencing the world's largest global navigation satellite system-GPS network.

KEY FEATURES

- GPS input source
- High timing accuracy, microseconds pulse outputs
- Reliable signals receiver built-in
- High performance 1PPS/1PPM/1PPH output
- Multiple serial output and interactive mode
- Compact 19 " / 2U rack mount
- GPS Antenna included

Specifications

⇒ Environmental Conditions

- Operating Temperature: -10 ~ +55 °C
- Storage Temperature: -20 to +55°C
- Humidity: to 95% non-condensing

⇒ Power Supply

- Voltage: 220V±20% DC
Or 220V±15% AC
- Frequency: 47 to 60 Hz
- Power consumption: ≤15 Watts

⇒ Output signals

- 3x8x1PPS/1PPM/1PPH(User configurable)
- 8xRS 232, 4xRS 485/422 (Optional 4800 or 9600 Baud)

⇒ Performances

- Timing Accuracy: ±1 μs
- Location Accuracy: 0.1'
- Acquisition:
 - Cold start < 15mins
 - Restart from outage < 20s
 - Restart at the same location < 2mins
 - Restart in a new place < 7mins

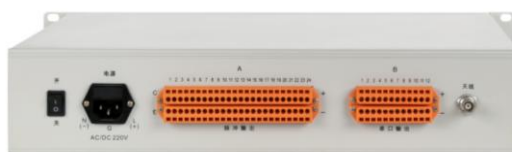
⇒ Mechanical

- Size (W×H×D): 19" ×2U×360 mm
- Weight: 3.5KG

⇒ **Front panel**

- Display: Red sharp display of local time received from GPS
- No keypad
- LEDs: (Dual-color green/red)

1 PPH:	Twinkle once per hour in normal working status
1 PPM:	Twinkle once per minute in normal working status
1 PPS:	Twinkle once per second in normal working status
RUN:	Twinkle regularly in normal working status, off if not
SYNC:	Synchronization status
POWER:	Power supply status

⇒ **Rear Panel**⇒ **Scope of supply**

- 1xCT-GPS 25L clock
- 1xGPS antenna in waterproof housing with 30m low loss coax cable
- 1xPower line
- 2xOperating instruction handbook
- Certification

Note that, if all the GPS clocks couldn't satisfy please feel free to contact us. We are very pleased to provide custom-made ones especially for you.

Chengdu COVE Technology Co.,Ltd

6-419 in Hi-tech Incubation Park, 1480 Tianfu Ave., Chengdu, P. R. China

Tel: +86 (28) 85335053 Fax: +86(28) 85335826

www.cove.cn

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