



05 – FREQUENCY ASK QUESTIONS

1) Does GPM96-PK3 required external power supply?

Yes, it can be power up with aux voltage AC 85 ~ 275Vac /DC 120 ~ 380Vdc.

2) How many CTs required for GPM96-PK3 for 3 phase 4 wires or 3 phase 3 wires application?

3 CTs required and the neutral current will be automatically calculated by the power meter

3) What is the accuracy of GPM96-MID meter

It comply with IEC62053-22 Cl 0.5S

4) Is GPM96-PK3 meter come with memory for data logging?

No, the power meter only come with memory for recording accumulated energy and maximum demand.

Data logging function is not available on GPM96-PK3

5) What is the sampling rate of GPM96-MID ?

The sampling rate of power meter is 128 sample/cycle which equivalent to 6.4kHz

6) How many GPM96-MID can be daisy chain in 1 looping?

Theoretically is 32nos but recommend to be <20nos.



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7) What is the maximum length RS485 communication cables for GPM96-PK3?

Theoretically is 1200 meters.

8) Why BMS / PMS cannot read power meter reading?

Recommend to use Modscan software to connect to the power meter and read the data directly to confirm the connection and meter functionality

<https://www.youtube.com/watch?v=STBX1Nc2I0s>

9) Can I replace the power meter without shutdown the load?

It is possible but please do take note that voltage signal's fuses need to be pull out and CT secondary signals need to be short link. Whenever possible, we still recommend to replace the meter with system shutdown.