

# Liquefied Gas Smart Meter



Long distance with high sensitivity and compatible with extreme temperature environments.



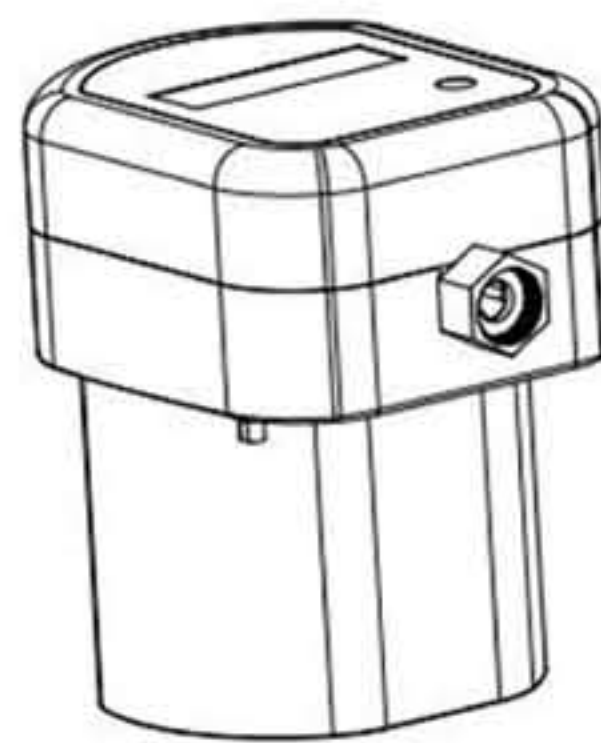
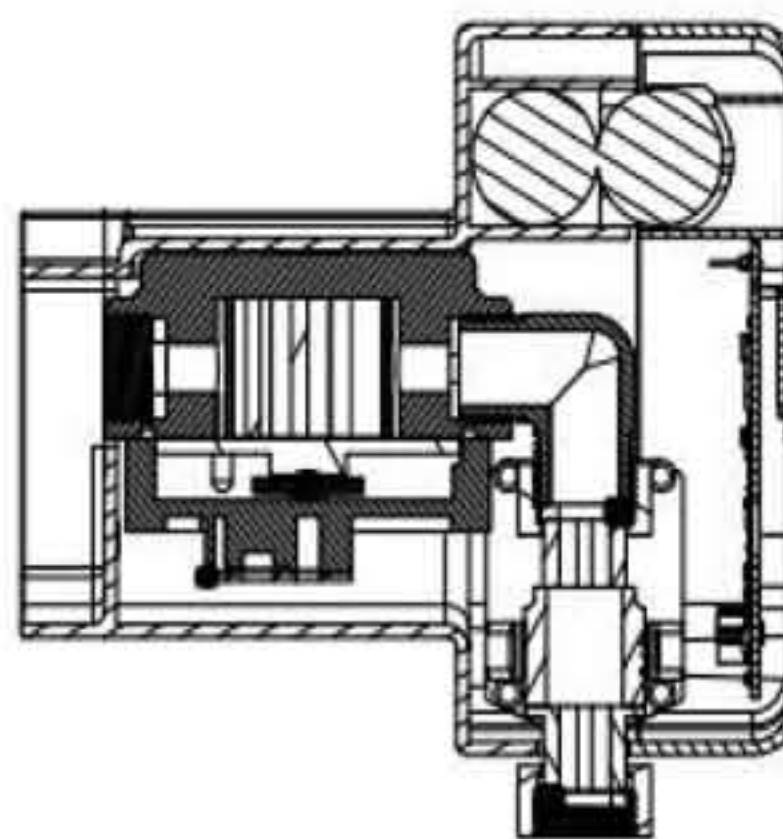
Automated dual power supply for uninterrupted power with built in wired system and explosion proof rechargeable battery.



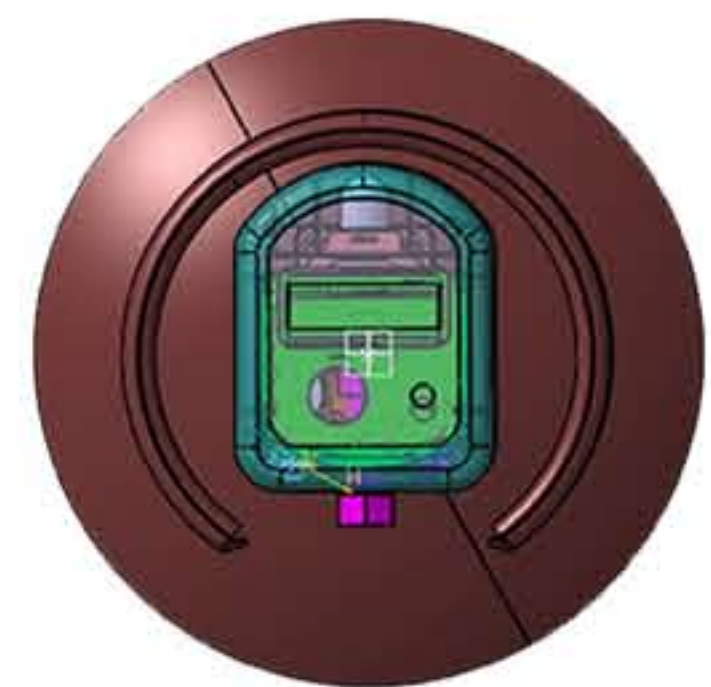
Built in long distance wireless data transmission, compatible with LoRaWan/WIFI



Integrated with certified safe and reliable electronic valve. Quick and easy to install.



Horizontal



Veritical

## Features:

1. **Function:** Equipped to accurately measure and monitor residual pressure capacity in LPG cylinders/tanks and usage data monitored and reported to the management system through set network.
2. **Valve control:** Automated locking and opening standardization linkage to payment gateway reporting roster for payment arrears and recharge. Automated shut out/lock option on gas leakage detection
3. **Data Storage:** Programmed for automated data usage and lasting capacity on 90 days per hour, 180 days per day and 360 days per month basis. Data yield source stimulated through M-bus connection and the gadget data is synchronized with the remote management system on a daily basis.
4. **Battery Management:** Equipped with two explosion proof rechargeable batteries in the instrument memory, about 5600mAh designed to automatically operate on power shut out, outfitted with M-Bus external power system for power supply.
5. **Communication:** LoRaWAN / WiFi / GPRS communication: Meter Data Synchronization with Management system designed under M2M strategy connected to the network by WIFI / LoRaWAN / GPRS and communication with main server.
6. **Using Environment:** The bottom shell is deliberately non water proof to accommodate the need for gas leakage monitoring and can work under temperature range of -20 degree C to 65degree C.
7. **On screen Display:** Display programmed to reveal Residual Capacity, Cumulative Flow, Battery Capacity, Time, Temperature, Valve and Signal Status..



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