

Overhead & Underground Power Line Fault Indicator Rev. A



FEATURE & BENEFIT

- **Secure Encryption**
- **Long Range Communication Capability**
- **Accurate Power Measurement**
- **Seamless Mapping Integration**
- **Support versatile communication protocol**



OVERHEAD SPECIFICATION

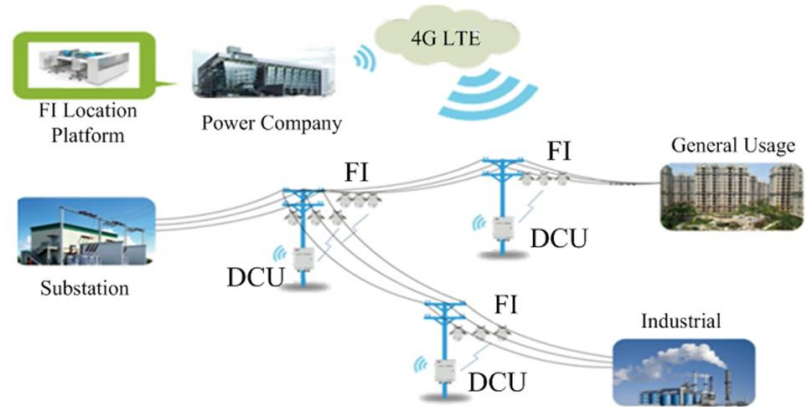
Minimum current	5A
Maximum voltage	6 ~ 35KV
Current Range	0 ~ 900A
Frequency range	60Hz
Battery capacity	Super cap + ER26500
Operation Mode	Polling, Point-to-Multipoint
Accuracy	0 ~ 100A±3A 100 ~ 600A±3%
Frequency Band	920MHz(Default) 860 ~ 1020 MHz
Power output	15dBm max.
Sensitivity	-130dBm
Range	5 km
Error detection	16-bit CRC
Data Security	AES
Maximum altitude	≤5000 meters
Waterproof	IP67
Dimension(Dim.*H)	4.67*6.85 inches (11.87*17.4 cm)

UNDERGROUND SPECIFICATION

Minimum current	5A
Maximum voltage	6 ~ 35KV
Current Range	0 ~ 900A
Frequency range	60Hz
Battery capacity	Super cap + ER14500
Operation Mode	Polling, Point-to-Multipoint
Accuracy	0 ~ 100A±3A 100 ~ 600A±3%
Frequency Band	920MHz(Default) 860 ~ 1020 MHz
Power output	15dBm max.
Sensitivity	-130dBm
Range	5 km
Error detection	16-bit CRC
Data Security	AES
Maximum altitude	≤5000 meters
Waterproof	IP56
Dimension(L*W*H)	6.61*5.35*1.41 inches (16.8*13.6*3.6 cm)

Data Concentrator Unit System

Rev. A



- Smart Grid Monitoring System Fault Indicator(FI)



Data Concentrator Unit (DCU)

SPECIFICATION

Power

Input power 12 VDC (7~30 VDC)

Battery Super cap

Wireless Communication Protocols

Cellular 4G LTE

LoRa 920 MHz(Default)
(860~1020MHz Changeable)

WiFi 802.11 b/g/n

Interface

RJ45 WAN*1、LAN*3
RS232*1、RS485*1

Storage Micro SD、USB

SIM Mini SIM

LoRa distance 5 km

Multiple device 16 (Optional)

Dimension(L*W*H) 4.72*4.72*1.18 inches
(without antenna) (12 x 12 x 3 cm)

Weight 420g
(without antenna)