



Product Function

The clamp current monitor use wireless communication to upload test data to concentrator or server for real-time monitoring of current, leakage current, troubleshooting of circuit insulation fault, monitoring of intermittent leakage fault, checking the time of insulation fault and fault location, etc.

Product Feature

1. The built-in communication module supports GPRS communication mode, support GSM 4G network,
2. Adopt the clamp structure and no need to disconnect the tested circuit line, the test is safe and fast. Adopt double layer magnetic shield and digital integration technology, strong anti-interference and high precision.
3. With the function of waterproof and dust proof, protection grade IP65.
4. With anti-theft function, equip with built-in electronic lock, control the clamp lock or unlock by infrared remote controller, can be installed in the outdoor and easy for using.
5. With LCD display screen (display: current value, battery power, monitor number, network signal strength) can be used as a clamp ammeter, which is a multi-purpose machine.
6. Built-in large capacity lithium battery, ultra-long battery life, continuous online testing for 10 days. The monitor is equipped with a charging seat, which can charge 5 monitors once time.

Monitor Specification

Monitor Model	EM8042	EM8072
Range	0.0mA~300.0A	0.0mA~600A
Max. Measure Accuracy	±1.5%±5dgt	±1.5%±5dgt
Max. Resolution	0.1mA	0.1mA
Clamp Size	Φ40mm	Φ70mm
Meter Size	198X95X50mm	244X130X50mm
Weight	350g	590g
Communication Mode	GPRS communication mode (4G network)	
Sampling Frequency	1 times/second	
Upload Frequency	1 times/1 minutes (can be customized)	
Upload Data	Product number + message type + product type number + data packet number + average leakage current within 15 minutes + peak leakage current within 15 minutes + leakage times within 15 minutes + remaining battery power + present detection date and time.	
Battery Life	240 hours	
Power Supply	6700mAh	
Charge Mode	Integrated type, using charging seat to charge 5 current clamp at once time.	
Anti-theft function	equip with built-in electronic lock, control the clamp lock or unlock by infrared remote controller	
LCD Size	35mmX21.5mm; display area: 32mmX15mm	
Indicator	Charging indicator: Infrared connector: Network indicator: alarm indicator	
Waterproof Level	IP65 of circuit part	
Insulation Strength	AC2KV/rms (between the iron core and case)	