





**Product Function**

Detecting of AC leakage current/current, higher harmonic current, phase, electric energy, power, power factor etc.

**Product Features**

1. Unique automatic plug and pull clamp structure, no need to interrupt the power supply and disconnect the circuit in testing, easy to carry and especially suitable for on-site online testing. Non-contact measurement, easy to operate, fast, safe and reliable.
2. Adopts Permalloy core and CT double-layer shielding technology, with high performance and high accuracy, high anti-interference ability, suitable for complex interference environment.
3. Battery jar could put in 4pcs LR03 1.5V alkaline dry cell and supply power for secondary development.
4. Insulating rod interface: M24 screw thread.
5. Insulating strength: AC3700V/ms ( between the core and coil)
6. Safety class: CATIII600V ( operate with insulation rod below 60kV)
7. Working temperature: -15°C~50°C

**Technical Specification**

	EM033H	EM040HA	EM048HA	E,068HA
Model				
Range	0.000mA~20A AC	0 mA~800A AC	0mA~800A AC	0mA~1200A AC
Resolution	0.001mA	1mA	1mA	1mA
Accuracy Class	±1.0%	±1.0%	±1.0%	±1.0%
Phase Error	≤2°	≤2°	≤2°	≤2°
Turn Ratio	800:1	4000:1	4000:1	4000:1
Reference Load	0~200mA ≤ 300Ω 0~2A ≤ 30Ω 0~20A ≤ 3Ω	0~8A ≤ 300Ω 0~80 A ≤ 30Ω 0~800A ≤ 3Ω	0 ~ 8A ≤ 300Ω 0~80A ≤ 30Ω 0~800A ≤ 3Ω	0~12A ≤ 300Ω 0~120A ≤ 30Ω 0~1200A ≤ 3Ω
Frequency	10Hz~100kHz	10Hz~100kHz	10Hz~100kHz	10Hz~100kHz
Clamp Size	φ 33mm	φ 36mm	φ 48mm	φ 68mm
Dimension	245mmX72mmX39mm	297mmX119 mmX58mm	255mmX84mmX39mm	215mmX135mmX60mm
Weight	266g	336g	261g	492g