



ETCR7300 Series Large Caliber Three Phase Power Tester

Product Function

- Measure three phase AC voltage, leakage current, current, active power, reactive power, apparent power, power, phase between current and voltage, phase between phase voltage, frequency, power energy, phase sequence
- Large caliber 80mm*80mm can clamp electric cable of 80mm diameter or 96mm*4mm flat cable and steel earth wires
- Data memory and peak hold function
- RS232 interface for saving



Technical Specification

Specifications	ETCR7300	ETCR7300A
Model	ETCR7300	ETCR7300A
Current Range	AC 0.00mA-1200A, Resolution: 0.01mA	AC 0.0A-2000A, Resolution: 0.1A
Power Range	AC 0.5W-720KW, Resolution: 0.01W	AC 0.0KW-1200KW, Resolution: 0.1KW
Voltage Range	AC 0-600V, Resolution: 0.01V	
Frequency Range	25Hz-100Hz, Resolution: 0.1Hz	
Phase Range	0.0°-360.0°, Resolution: 0.1°	
Power Factor Range	0.3-1.0(Capacitive or inductive) , Resolution: 0.001	
Power Energy Range	0.0000KWh-72000KWh, Resolution: 0.0001KWh	
Clamp Size	80mm×80mm(can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires)	
Measured Wire Position	Measured wire at approximately the geometric center of the clamp	
Data Storage	200 sets, "FULL" the memory is full " symbol indicate	
RS232 Interface	With RS232 interface, download data to computer for analysis and management	
Communication Wire	RS232 communication wire, 1.8m	
Frequency	50Hz ,60Hz automatic identification	
Gear Shift	Automatic shift	
Sample Rate	About 2 times/second	
Line Voltage	Below AC 600V line measurement	
Display Mode	LCD: 128dots×64dots; Display area: 43mm×29mm	
Backlight	Controlled by " ** " key	
Data Hold	"HOLD" symbol appears	
Overflow	"OL" symbol appears	
Automatic Shutdown	Automatically shutdown about 15 minutes after power on to reduce battery consumption	
Voltage Detection	Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.	
Power Supply	6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)	
Working Current	50mA with enabled backlight; 25mA with disabled backlight	
Working Temperature and Humidity	-10 C -40 C ; 80%rh	
Storage Temperature and Humidity	-10 C -60 C ; below 70%rh	
Insulation strength	AC 3700V/rms(between core and shell)	
Safety Specifications	IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III (600V)	
Meter Dimension	275mm(D) * 145mm(W) * 40mm(H)	
Weight	1kg(with batteries and accessories)	