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REPUTATION COMES FROM PRAISE OF CUSTOMERS

where there is customer, there is development of us.

Your present position is: New Products >> Power Clamp Meter



Power Clamp Meter -HP-850F

Basic function

- AC Voltage 15V~600V
- AC Current 40A~1000A
- Frequency 20Hz~500Hz

Express function

- Display 9999
- Range Select Auto
- Active Power 0.01kW~600kW
- Apparent Power 0.01kVA~600kVA
- Reactive Power 0.01kVar~600kVar
- Power Factor 0.3~1.0
- Phase Angle 0°~360°
- Active Energy 1~9999kWh
- Phase Rotation Test ✓
- AC True RMS ✓
- Data memory 99 Groups
- MAX/MIN ✓
- USB ✓

" Single-phase 2-wire.

3-phase 3-wire. ✓

3-phase 4-wire."

Data Hold ✓

Back Light ✓

Auto Power Off ✓

Jaw Caliber 55mm

General Features

- Battery Type 9V(6F22)x1
- Dimension 275x120x33mm
- Weight 540g
- MOQ 30
- Ctn Size 530x310x400mm



Q'TY / Ctn 20
GW/NW 18/17Kg

Description

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AC Voltage (True RMS)	Range	Resolution	Accuracy		Allowable Maximum overload protection voltage	Input Impedance	Remark
	15V	0.1V	± (1.2%)		600 RMS	10 MΩ	
	100V						
	300V						
	600V						
Min Input Voltage: 10V	Range	Resolution		Accuracy		Remark	
	20Hz ~ 100Hz	1Hz		± (0.5%)		Min Input Voltage: 10V	
AC Current (True RMS)	Range		Resolution	Accuracy	Allowable Maximum overload protection current	Remark	
	40A		0.1A	± (2.5%)	1000A RMS	Allowable maximum overload protection current:1000A RMS	
	400A						
	1000A	400-800	1A)	± (2.5%)			
		800-1000		± (3.5%)			
.Active Power (w=V×A×COS Φ)	Current/Voltage		Voltages Range				Remark
			15V	100V	300V	600V	
	Current Range	40A	0.60kW	4.00kW	12.00kW	24.00kW	·Allowable maximum overload protection voltage:600V RMS ·Allowable maximum overload protection current:1000A RMS
		100A	1.50kW	10.00kw	30.00kW	60.00kW	
		400A	6.00kW	40.00kw	120.0kW	240.0kW	
		1000A	15.00kW	100.0kw	300.0kW	600.0kW	
	Accuracy		± (3%)				
	Resolution		< 1000KW:0.01KW ≥ 100KW:0.1KW				
Apparent Power (VA = V × A)	Current/Voltage		Voltages Range				Remark
			15V	100V	300V	600V	
	Current Range	40A	0.60kVA	4.00kVA	12.00kVA	24.00kVA	·Min Input Voltage: 10V ·Allowable maximum overload protection voltage:600V RMS ·Allowable maximum overload protection current:1000A RMS
		100A	1.50kVA	10.00kVA	30.00kVA	60.00kVA	
		400A	6.00kVA	40.00kVA	120.0kVA	240.0kVA	
		1000A	15.00kVA	100.0kVA	300.0kVA	600.0kVA	
	Accuracy		± (3%)				
	Resolution		< 1000KVA :0.01KVA ≥ 100KVA :0.1KVA				
Reactive Power (Var =V×A×SINΦ)	Current/Voltage		Voltages Range				Remark
			15V	100V	300V	600V	
	Current Range	40A	0.60kVar	4.00kVar	12.00kVar	24.00kVar	Min Input Current/Voltage: 10A/10V ·Allowable maximum overload protection voltage:600V RMS ·Allowable maximum overload protection current:1000A RMS
		100A	1.50kVar	10.00kVar	30.00kVar	60.00kVar	
		400A	6.00kVar	40.00kVar	120.0kVar	240.0kVar	
		1000A	15.00kVar	100.0kVar	300.0kVar	600.0kVar	
	Accuracy		15V/1000A Range :±(4%) Other Range :±(4%)				
	Resolution		< 1000kVar:0.01kVar ≥ 100kVar:0.1kVar				
Power Factor	Range		Accuracy	Resolution	Measuring Condition		Remark

(PF = W/VA)	0.3~1 (capacitive or inductive)	±0.022	0.001	The minimum measuring current 10A The minimum measuring voltage 45V	·Min Input Voltage: 10V ·Allowable maximum overload protection voltage:600V RMS ·Allowable maximum overload protection current:1000A RMS
	0.3~1 (capacitive or inductive)	For reference only		Measuring current less than 10A OR Measuring voltage less than 45V	
Phase Angle (PG =acos (PF))	Range	Accuracy	Resolution	Measuring Condition	Remark
	0°~360°	±1°	1°	The minimum measuring current 10A The minimum measuring voltage 45V	·Min Input Current/Voltage: 10A/10V
	0°~360°	For reference only		Measuring current less than 10A OR Measuring voltage less than 45V	
Active Energy (kWh)	Range	Accuracy		Resolution	Remark
	1~9999kWh	±(3%)		0.001kWh	Allowable maximum overload protection voltage:600V RMS ·Allowable maximum overload protection current:1000A RMS

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