

Three-phase Power Quality Analyzers Model: 435



Specifications:

Inputs	Number Maximum voltage Maximum sampling speed	4 voltage and current (3 phases + neutral) 1000 V _{rms} (6 kV peak) 200 kS/s on each channel simultaneously
Volt/Amps/Hertz	V _{rms} (AC + DC) Measurement range V _{peak} Measurement range Crest factor, voltage Measurement range A _{rms} (AC + DC) Measurement range A _{peak} Measurement range Crest factor, current Measurement range Hz 50 Hz nominal Measurement range	1 - 1000 V 1 - 1400 V 1.0 - 2.8 0 - 20 kA 0 - 5.5 kA 1 - 10 40 - 70 Hz
Dips and swells	V _{rms} (AC+DC) ² Measurement range A _{rms} (AC+DC) ² Measurement range	0.0% -100% of V _{nom} 0 - 20 kA
Harmonics	Harmonic (interharmonic) (n) range V _{rms} Measurement range Arms Measurement range Watts Measurement range DC voltage Measurement range THD Measurement range Hz Measurement range Phase angle Measurement range	DC, 1-50; (Off, 1-49) 0.0 - 1000 V 0.0 - 4000 mV x clamp scaling Depends on clamp scaling and voltage 0.0 - 1000 V 0.0 - 100.0% 0 - 3500 Hz -360° - +360°
Power and energy	Watt, VA, VAR Measurement range kWh, kVAh, kVARh Measurement range Power Factor/ Cos Φ / DPF range	1.0 - 20.00 MVA 00.00 -200.0 GVAh 0-1
Flicker	Pst (1 min), Pst, Plt, PF5 range	0-20
Unbalance	Volts Measurement range Current Measurement range	0.0 - 5.0% 0.0 - 20%
Transient Capture	Volts Measurement range	±6000 V
Inrush mode	A _{rms} (AC+DC) Measurement range Inrush duration (selectable) range	0 - 20 kA 7.5s - 30min
Memory	Screens & data	50, shared memory divided between logging, screens and data sets
Autotrend recording	Sampling Memory Recording time Zoom	5 readings/sec continuous sampling /channel 1800 min, max and avg pts for each reading Up to 450 days Up to 12x horizontal zoom