KPM 3 Phase PQ Analyzer   (KPM – PQ Light)

KPM PQ Light is a Three Phase Multi-function PQ Analyzer . It can be applied to electric power dispatching center, relay protection department or relay protection in power plant. Its metric division class makes it suitable for petroleum, railways and the iron and steel industries also.

Features :

1. Simultaneously measuring three-phase voltages, current, power, frequency, power factor, phase, etc
2. Display vector map for the use of user directly
3. The smallest current it can measure is 1 mA, 2 mA above can display vector diagram
4. Range switches automatically, software for be calibrated
5. Small volume, light weight and the operation is simple, convenient
6. Horizontal liquid crystal big screen TFT displays all electric parameters
7. DSP digital signal processing chip, wide measuring range, high accuracy, good stability
8. It can store data; data can be using computer software to upload for management
9. 2nd to 63rd Harmonics .
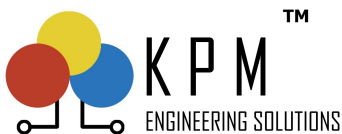

Technical Specifications :

Electrical parameters	
Accuracy class	0.5%
Power supply	AC 85-265V 50/60Hz or Li-battery 5000mAh
Communication Port	RS232
Warming-up time	<5min
Power consumption	≤5VA
Voltage measurement	
U1, U2, U3 Range	0-480V
Resolution	0.001V
Accuracy	0.2%
Current measurement	
I1, I2, I3 Range	1mA-10A or 50mA-200A or 50mA-500A
Resolution	0.5mA
Accuracy	0.5%

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Technical Specifications :

Electrical parameters - continued	
Active power measurement	
Active accuracy	0.5%
Reactive power measurement	
Accuracy	1%
Phase measurement	
Range	0°-359.9°
Resolution	0.001°
Accuracy	0.1°
Frequency measurement	
Range	45-65Hz
Resolution	0. 001Hz
Accuracy	0.01Hz
Power factor measurement	
Range	-1 to 0 to +1
Resolution	0.0001
Accuracy	0.01
Mechanical parameters	
Dimensions (W×D×H) (mm)	245×162×60
Weight (kg)	1 (mains)
	6.5 (appendix and box)
Environmental conditions	
Working temperature	-10°C to 55°C
Working humidity	15%-85%RHD
Storage temperature	-25°C to 70°C
Storage humidity	5%-95%RHD

K P M
ENGINEERING SOLUTIONS

*All product specifications & pictures are subject to upgrade without prior notification

Key Parameter Monitoring