

# Power Monitor Comparison Matrix



FEATURES	iPM	PMA/PQA	Type 109	PQA-D	YMA/YQA
<b>Power</b>	AC Powered	AC Powered	AC or DC Powered	AC Powered	AC Powered
<b>Configurable</b>	4-Wire Wye, Delta & Single Phase	4-Wire Wye & Single Phase	4-Wire Wye & Single Phase	Delta	4-Wire Wye & Single Phase
<b>Input Transient</b>	Per MIL-STD-704 & 1399	Per MIL-STD-704	Per MIL-STD-704	Per MIL-STD-704	Per MIL-STD-704
<b>EMI Filtering</b>	Per MIL-STD-461	See Note	See Note	See Note	See Note
<b>Voltage</b>	80 – 264Vrms	115 or 220Vrms	115 or 220Vrms	115, 220 or 440Vrms	115Vrms
<b>Frequency</b>	47 – 800Hz	50, 60 or 400Hz	50, 60 or 400Hz	50, 60 or 400Hz	50, 60 or 400Hz
<b>Accuracy</b>	1%	1%	1%	1%	1%
<b>Peak Voltage</b>	200%, Factory Set	See Note	See Note	See Note	See Note
<b>Hold-up Time</b>	50ms; Factory Set	See Note	See Note	See Note	See Note
<b>Distortion (THD)</b>	10%; Factory Set	See Note	See Note	See Note	See Note
<b>DC Component</b>	5Vdc; Factory Set	See Note	See Note	See Note	See Note
<b>Phase Sequence</b>	ABC	ABC	ABC	ABC	ABC
<b>Time Delay (Pick-Up)</b>	50ms – 9.99sec	250ms – 10sec	250ms – 10sec	250ms – 10sec	250ms – 10sec
<b>Time Delay (Drop-Out)</b>	50ms – 9.99sec	250ms – 10sec	250ms – 10sec	250ms – 10sec	250ms – 10sec
<b>Interface</b>	RS485 Serial Data Interface	See Note	See Note	See Note	See Note
<b>Field Adjustable</b>	Via RS485 (Serial Interface)	See Note	See Note	See Note	Via Potentiometers (manually)
<b>Power Dissipation</b>	6 Watts max.	6 Watts max.	7 Watts max.	6 Watts max.	6 Watts max.
<b>Relay Indication</b>	Common	Common	Independent	Common	Common
<b>Temperature Range</b>	-55° to 100° C	-55° to 125° C	-40° to 85° C	-40° to 85° C	-55° to 125° C
<b>Weight</b>	12 oz. max.	30 oz. max.	48 oz. max.	54 oz. max.	30 oz. max.

**NOTE: Feature unavailable for this product**