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EPM5100 Power Meter End-of-Life Notice

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Background

GE Multilin is announcing the discontinuation of the EPM/EPM5100 power meter. The EPM5100 (aka "EPM") is based on a legacy design. Over the years our metering product line has evolved to provide more advanced solutions at more economical costs, compared to the EPM5100.

Please refer to the following information for part numbers affected and the recommended replacement product.

Part Numbers Affected

EPM 5100

Meter with Pulse	Meter with ModBus RTU Comm & Pulse	Circuits Volts	Wires	Reference Stators	CTs
PLE3ESAG02	PLE3ESAG14	69 Volts	4Y Wires	3 stators 2.5 stators	3 CTs
PLE3ESBG02	PLE3ESBG14	120 Volts	3 Wires 4Y Wires 4Y Wires	2 stators 3 stators 2.5 stators	2 CTs 3 CTs 3 CTs
PLE3ESCG02	PLE3ESCG14	240 Volts	3 Wires 4Y Wires 4Y Wires	2 stators 3 stators 2.5 stators	2 CTs 3 CTs 3 CTs
PLE3ESDG02	PLE3ESDG14	277 Volts	4Y Wires	3 stators 2.5 stators	3 CTs
PLE3ESEG02	PLE3ESEG14	345 Volts	4Y Wires	3 stators 2.5 stators	3 CTs
PLE3ESFG02	PLE3ESFG14	480 Volts	3 Wires	2 stators	2 CTs
PLE3ESGG02	PLE3ESGG14	600 Volts	3 Wires	3 stators	2 CTs

EPM 5100 Panel Mount		Circuits Volts	Wires	Reference	
Meter with Pulse	Meter with ModBus RTU Comm & Pulse			Stators	CTs
PLE3PNLAG02	PLE3PNLAG14	69 Volts	4Y Wires	3 stators 2.5 stators	3 CTs
PLE3PNLBG02	PLE3PNLBG14	120 Volts	3 Wires 4Y Wires 4Y Wires	2 stators 3 stators 2.5 stators	2 CTs 3 CTs 3 CTs
PLE3PNLCG02	PLE3PNLCG14	240 Volts	3 Wires 4Y Wires 4Y Wires	2 stators 3 stators 2.5 stators	2 CTs 3 CTs 3 CTs
PLE3PNLDG02	PLE3PNLDG14	277 Volts	4Y Wires	3 stators 2.5 stators	3 CTs
PLE3PNLEG02	PLE3PNLEG14	345 Volts	4Y Wires	3 stators 2.5 stators	3 CTs
PLE3PNLFG02	PLE3PNLFG14	480 Volts	3 Wires	2 stators	2 CTs
PLE3PNLGG02	PLE3PNLGG14	600 Volts	3 Wires	3 stators	2 CTs

Accessories

PLA3CMAG01	Modbus card
PLE3CSEG01	Power Leader™ case
PLE2RPG01	Power Leader™ cover
PLE2ADPG01	Mounting plate

Continuation of Support

GE Multilin will continue to support our existing customers, including coverage of outstanding warranties.

Migration Recommendation

As a replacement for the EPM5100, we recommend using the EPM6000.

To assist our customers to update their specifications from the EPM5100 to the EPM6000, on the next page you will find a features reference chart for both meters.

Ordering

Please refer to [GE Multilin ordering page for EPM6000](#).

Comparison chart of EPM5100 and EPM6000

Model	EPM & EPM5100	EPM6000
List Price as of March 2009		
With Modbus and pulse	\$2323	\$1037
Draw-out Case option (EPM5100 only)	Add \$379	
Limits and THD option (EPM6000 only)		Add \$343
Low Voltage DC Power (EPM6000 only)		Add \$85
Energy Measurement Accuracy		
Active Energy Measurement Accuracy	0.5%	0.2%
Energy accuracy exceeds ANSI Class		C12.20
Pass-through CT connect option		■
Current Input	5A	1A or 5A
Display		
Lines of display	2	3
Power & Energy Measurement		
Voltage, current, frequency, power factor	■	■
Power (kW, kVAR, KVA)	■	■
Bi-directional Energy (Import/Export)		■
Energy (kWh, KVARh, KVAh)	■	■
Demand	■	■
Demand - user-definable period	■	■
Power Quality		
Measurement sampling rate (per channel, per-cycle)	80	400+
Harmonics - % of THD		■
Automation & I/O		
Limits and Alarm annunciation via Modbus		■
KYZ pulse output	2	1
Communications & Protocols		
Front communication port		■
RS-485 / Modbus RTU	■	■
DNP 3.0		■
Others		
Draw-out case option	■	
Operating temperature	(-20 to 70C)	(-30 to 70C)
24-48V DC Power Supply		■

Contact Information

Multilin Technical Support

GE Multilin contact information and call center for product support is shown below:

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