

Digital Metering Selector Guide



Features

EPM2200

EPM 6000

PQMII

EPM7000

EPM 9450

EPM 9650

EPM 9800

Energy Measurement Accuracy

Active Energy Measurement Accuracy	0.5%	0.2%	0.4%	0.2%	0.2%	0.2%	0.2%
Energy accuracy meets or exceeds ANSI Class	C12.20	C12.20		C12.20	C12.20	C12.20	C12.20

Power & Energy Measurement

Voltage, current, frequency, power factor	•	•	•	•	•	•	•
Power (kW, kVAR, KVA)	•	•	•	•	•	•	•
Bi-directional power	•	•	•	•	•	•	•
Energy (kWh, KVARh, KVAh)	•	•	•	•	•	•	•
Demand	•	•	•	•	•	•	•
Demand - time-of-use support			•		•	•	•

Power Quality

Subcycle transient detection					•	•	•
Sags & Swells			•	•	•	•	•
Flicker						•	•
K-factor					•	•	•
Crest-factor			•				
Harmonics - spectrun analysis			•	•	•	•	•
Harmonics - THD		•	•	•	•	•	•

Data Logging

History logs			•	•	•	•	•
Event logs			•	•	•	•	•
Time synchronization via IRIG-B					•	•	•
Event-driven waveform capture			•	•	•	•	•

Automation & I/O

Alarm annunciation via relay			•	•	•	•	•
KYZ pulse output	•	•	•	•	•	•	•
Analog input (max)			1		32	32	32
Analog output (max)			4	8	32	32	32
Digital input (max)			4	8	40	40	40
Digital output (max)			4	8	16	16	16
Control relay (max)			4	4	16	16	16

Communications & Protocols

Front communication port		•	•	•	•	•	•
RS-485 / Modbus RTU	•	•	•	•	•	•	•
Ethernet Port / Modbus TCP		•		•	•	•	•
Modem					•	•	•
DNP 3.0		•	•	•	•	•	•

For the most current comparison list see: GEDigitalEnergy.com/selector/meters.pdf
 For information on GE Submeters or GE legacy meters see: GEDigitalEnergy.com

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