

BENJAMIN Power Metered Switchboard Specifications

Voltage Ratings	120/240V 1Ø 3W	120/240V 3Ø 4W	208Y/120V 3Ø 4W
	240V 3Ø 3W	480Y/277V 3Ø 4W	480V 3Ø 3W

AIC Ratings	10kAIC to 200kAIC @240V
	14kAIC@480Y/277V to 100kAIC@480V

Power Measurement	Mains Current Accuracy:	2% of reading from 1-10% of nominal rated current 1% of reading from 10-100% of nominal rated current
	Mains Voltage Accuracy:	0.2% of reading from 90 - 600 VAC Line to Neutral
	Mains Power Data:	Voltage, Current, Hz, W, VAR, VA, PF, WHrs, VARHrs, VAHrs
	Branch Current Accuracy: (up to 400A nominal circuits)	1% of reading from 0.15A - 0.25A 0.5% of reading from 0.25A - 400A
	Branch Current Accuracy: (> 400A nominal circuits)	2% of reading from 1% - 10% of nominal rated current 1% of reading from 10% - 100% of nominal rated current
	Branch Circuit Data:	Voltage, Current, W, VAR, VA, PF, Whrs, VARHrs, VAHrs
	Harmonic Analysis:	Fundamental through 40th harmonic: Voltage, Current, Real Power
	Data Update Rate:	1 second for all real-time values

Mains Configurations	Main Lugs Only:	100 Amp to 3,000 Amp
	Main Breaker:	100 Amp to 2,500 Amp

Branch Circuit Breaker Options	1 Pole	15 Amp to 150 Amp
	2 Pole	15 Amp to 600 Amp
	3 Pole	15 Amp to 2,500 Amp

Communication Protocols	Modbus TCP/IP	Modbus ASCII	Modbus RTU	XML-RPC
	BACnet/IP	EtherNet/IP		



W. A. Benjamin Electric Company
Manufacturers of Quality Electrical Power Distribution Equipment