PACKETPOWER

BG08 AVAILABLE CONFIGURATIONS

	Full Power CTs	Current Only CTs	Voltage Inputs	Source Power
BG08-C480 Dimensions: 241 x 160 x 96 mm (9.5 x 6.3 x 3.8 in)	None	19-48	1	100-240V Single Phase Optional 3-wire cord to NEMA 5-15 plug
BG08-P480 Dimensions: 264 x 183 x 96 mm (10.4 x 7.2 x 3.8 in)	1-3	19-48	1	100-240V Single 208/120V Wye 240V Delta 240/120V Split 415/240V Wye 480/277V Wye

BRANCH CIRCUIT CT HARNESSES

Harness wire: 24 AWG 300V twisted pair
Wire Length: 20" to 1st CT; 40" to last CT

CT Interface Boards: 2.5" x 3.5"

Branch Circuit CTs: 10 mm inside diameter
Outside dimensions: 39 x 23 x 26 mm
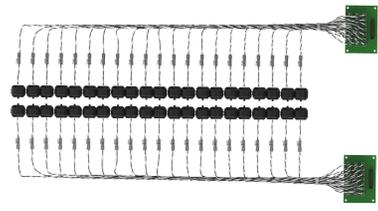
Measurements	Branch circuits: A, Ah (W, Wh using an arbitrary voltage) Infeed circuits: V, A. VA, W, Wh, Power Factor, Hz, THDi, THDv (BG08-P480 only) Accuracy: ±1.0%
Fusing	Optional inline 1A fuses
Current Range	Branch circuits: 30-60A; Infeed circuits: 100-400A (BG08-P480 only)
Frequency	50/60 Hz
Monitor Weight	1.2 - 1.3 kg (2.7 - 2.8 lb)
Mounting	On wall or on device; mounting ears included
Available Wire Exits	Bottom
Branch Circuit CT Ribbon Cable	Shielded 28 AWG 300V cord; 1-15m length (unit to CT harness)
Infeed Circuit CT Leads	24 AWG 600V twisted pair; quick disconnect; 1-15 m length
Operating Environment	-7° to 75°C (20° to 167°F); 5% to 95% non-condensing
Water and Dust Resistance	NEMA 4 if specified
Power Usage	5-7W
Wireless Network Protocol	Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region)
Wired Network Protocols	HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect
Firmware Updates	Wireless
Typical Transmission Range	10 to 30 meters indoors between any two devices in mesh network
Antenna	Fully enclosed, fixed configuration
Monitor to Gateway Ratio	Up to 100 monitoring units per gateway with unlimited gateways per site
Local Display	Amps and communication status
Made in USA	Yes
Product Warranty	1 year
Certifications	Multiple UL, IC, CE and FCC standards