PACKETPOWER

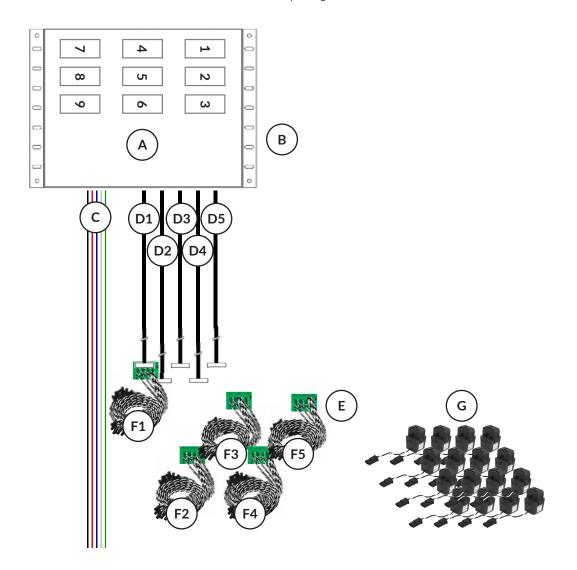
BGS72 Model Components and *Monitoring Made to Measure* Specifications





MULTI-CIRCUIT MONITOR COMPONENTS

Packet Power's BGS72 wireless multi-circuit monitor arrives fully configured to each customer's needs.



BGS72 COMPONENTS

(A) Device: Up to 9 wireless power monitors in an 18 GA

steel enclosure

356 x 305 x 64 mm (14 x 12 x 2.5 in)

(B) Mounting Brackets: Two optional 18 GA steel brackets

305 x 25 mm (12 x 1 in)

for mounting on a wall or on device

(C) Voltage Lead(s): 18 AWG 600V colored wire connected to a

6-position terminal block, 3m or 7m length; 5x20 mm 5A inline fuses on L1, L2, L3 Optional additional voltage leads

·

(D) CT Interconnect Cable: Up to five shielded 300V cords; 1-5m length;

terminate in a 34-pin connector that fastens

to the CT Interconnect Board

(E) CT Interconnect Boards: Up to five 72 x 53 x 6.3 mm (2.8 x 2.1 x 0.2 in)

acrylic boards with VHB adhesive tape for

mounting

(F) CT Leads: 24 AWG 600V twisted pair with quick

disconnects; 0.5-5m length

Optional CT wire harness available (see page 5 for wire harness options)

(G) Current Sensors Up to 72 current sensors of varied amperage

and size (see page 4 for options)

Split Core: Rated amperage 15A to 4000A;

Dimensions vary by amperage

Rogowski Coil: Rated amperage 100A to 10,000A; (Not shown) Available in 4 different lengths



MODELS

	Model	Maximum Full Power CTs	CT Interconnect Boards & Cables	Voltage Options
BGS72-72P pictured	BGS72-40P BGS72-48P BGS72-56P BGS72-64P BGS72-72P	40 48 56 64 72	3 3 4 4 5	120-240V AC 1Φ (LN) 200-230V AC 1Φ (LL) 277V AC 1Φ (LN) 200-230V AC Delta (LLL) 208/120V AC Wye 240/120V AC Split (LLN) 415/240V AC Wye 480/277V AC Wye
				50/60 Hz Frequency

MONITORING MADE TO MEASURE

"Monitoring made to measure" means we fully configure each power monitor to meet your exact needs.

Here's what we need to know to cut your installation time in half.

- Voltage input service type and quantity (source power)
- CT amperage(s)
- Desired wire exit location
- Need for inline fuses on the voltage lead(s)
- Length of the cable to the CT interconnect board
- Type of wiring from the interconnect board to the CTs (loose leads or wire harnesses)

Use the Configuration worksheet on page 6 to capture your needs.

Contact sales@packetpower.com with questions or if you need a different option than outlined in the rest of this document.

TECHNICAL SPECIFICATIONS

Measurements V. A. VA, W. Wh. Power Factor, Hz. THDi, THDV Accuracy: +1.0% (CT dependent) +0.5% available Fusing Optional inline 5A fuses Up to 10,000A Frequency 50/60 Hz Monitor Dimensions 356 x 305 x 64 mm (14 x 12 x 2.5 in) without mounting bracket Monitor Weight 4.6 - 4.7 kg (10.1 - 10.4 lb) Mounting On wall or on device; mounting brackets included Available Wire Exits Back opening (25 x 178 mm) or right side knockouts (two 35mm dia and one 28mm dia) Voltage Lead Wire 18 AWG 600V; 3m or 7m lengths CT Interconnect Board Cable (from BG572 to CT lead) CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNNP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT Firmware Updates Vireless Typical Transmission Range 10 to 30 meters indoors between any two devices in mesh network Antenna Fully enclosed, fixed configuration Monitor to Gateway Ratto Up to 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Yes Product Warranty 1 year Certifications		
Current Range	Measurements	
Frequency 50/60 Hz Monitor Dimensions 356 x 305 x 64 mm (14 x 12 x 2.5 in) without mounting bracket Monitor Weight 4.6 - 4.7 kg (10.1 - 10.4 lb) Mounting On wall or on device; mounting brackets included Available Wire Exits Back opening (25 x 178 mm) or right side knockouts (two 35mm dia and one 28mm dia) Voltage Lead Wire 18 AWG 600V; 3m or 7m lengths CT Interconnect Board Cable (from BGS72 to CT lead) CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP, MQTT Firmware Updates 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 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Product Warranty 1 year	Fusing	Optional inline 5A fuses
Monitor Dimensions 356 x 305 x 64 mm (14 x 12 x 2.5 in) without mounting bracket Monitor Weight 4.6 - 4.7 kg (10.1 - 10.4 lb) Mounting On wall or on device; mounting brackets included Back opening (25 x 178 mm) or right side knockouts (two 35mm dia and one 28mm dia) Voltage Lead Wire 18 AWG 600V; 3m or 7m lengths CT Interconnect Board Cable (from BGS72 to CT lead) CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SMMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 Local Display Volts, Amps and communication status Made in USA Yes Product Warranty 1 year	Current Range	Up to 10,000A
Monitor Weight 4.6 - 4.7 kg (10.1 - 10.4 lb) Mounting On wall or on device; mounting brackets included Back opening (25 x 178 mm) or right side knockouts (two 35mm dia and one 28mm dia) Voltage Lead Wire 18 AWG 600V; 3m or 7m lengths CT Interconnect Board Cable (from BG\$72 to CT lead) CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTP's to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 Local Display Volts, Amps and communication status Made in USA Yes Product Warranty 1 year	Frequency	50/60 Hz
Mounting On wall or on device; mounting brackets included Back opening (25 x 178 mm) or right side knockouts (two 35mm dia and one 28mm dia) Voltage Lead Wire 18 AWG 600V; 3m or 7m lengths CT Interconnect Board Cable (from BGS72 to CT lead) CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT Firmware Updates Wireless Typical Transmission Range 10 to 30 meters indoors between any two devices in mesh network Antenna Fully enclosed, fixed configuration Wonitor to Gateway Ratio Up to 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Product Warranty 1 year	Monitor Dimensions	$356 \times 305 \times 64$ mm ($14 \times 12 \times 2.5$ in) without mounting bracket
Available Wire Exits Back opening (25 x 178 mm) or right side knockouts (two 35mm dia and one 28mm dia) Voltage Lead Wire 18 AWG 600V; 3m or 7m lengths CT Interconnect Board Cable (from BG\$72 to CT lead) Shielded 300V cord; 1-5m length CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT Firmware Updates Wireless Typical Transmission Range 10 to 30 meters indoors between any two devices in mesh network Antenna Fully enclosed, fixed configuration Worlt of Sateway Ratio Up to 11 BG\$72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Product Warranty 1 year	Monitor Weight	4.6 - 4.7 kg (10.1 - 10.4 lb)
Voltage Lead Wire 18 AWG 600V; 3m or 7m lengths CT Interconnect Board Cable (from BG\$72 to CT lead) CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 11 BG\$72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Product Warranty 1 year	Mounting	On wall or on device; mounting brackets included
CT Interconnect Board Cable (from BGS72 to CT lead) CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT Firmware Updates 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 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Yes Product Warranty 1 year	Available Wire Exits	
Shielded 300V cord; 1-5m length CT Leads 24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length Operating Environment 0° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) 1-7W 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; BACnet/IP; MQTT Firmware Updates Typical Transmission Range 10 to 30 meters indoors between any two devices in mesh network Antenna Fully enclosed, fixed configuration Wonitor to Gateway Ratio Up to 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Yes Product Warranty 1 year	Voltage Lead Wire	18 AWG 600V; 3m or 7m lengths
Operating Environment O° to 75°C (32° to 167°F); 5% to 95% non-condensing Water and Dust Resistance NEMA 1/IP20 (indoor use) 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Yes Product Warranty 1 year		Shielded 300V cord; 1-5m length
Water and Dust Resistance Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Volts, Amps and communication status Made in USA Yes Product Warranty 1 year	CT Leads	24 AWG 600V twisted pair; quick disconnect; 0.5 - 5m length
Power Usage 1-7W Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Yes Product Warranty 1 year	Operating Environment	0° to 75°C (32° to 167°F); 5% to 95% non-condensing
Wireless Network Protocol Frequency hopping self-configuring load-balancing mesh; Operating frequency 860 to 930 MHz and 2.4 GHz (frequencies vary by region) HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Volts, Amps and communication status Made in USA Yes Product Warranty 1 year	Water and Dust Resistance	NEMA 1/IP20 (indoor use)
Wired Network Protocol Wired Network Protocols HTTPS to Packet Power EMX running locally or as cloud service; SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT Wireless Typical Transmission Range 10 to 30 meters indoors between any two devices in mesh network Antenna Fully enclosed, fixed configuration Wonitor to Gateway Ratio Up to 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Volts, Amps and communication status Made in USA Product Warranty 1 year	Power Usage	1-7W
Wired Network Protocols SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect; BACnet/IP; MQTT 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 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Volts, Amps and communication status Made in USA Product Warranty 1 year	Wireless Network Protocol	
Typical Transmission Range 10 to 30 meters indoors between any two devices in mesh network Antenna Fully enclosed, fixed configuration Up to 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Product Warranty 1 year	Wired Network Protocols	SNMP V1/V2c/V3; Modbus TCP/IP; Ethernet/IP; MTConnect;
Antenna Fully enclosed, fixed configuration Up to 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Local Display Volts, Amps and communication status Made in USA Product Warranty 1 year	Firmware Updates	Wireless
Monitor to Gateway Ratio Up to 11 BGS72-72P devices per Ethernet Gateway with unlimited Gateways per site Volts, Amps and communication status Made in USA Product Warranty 1 year	Typical Transmission Range	10 to 30 meters indoors between any two devices in mesh network
Cateways per site Local Display Volts, Amps and communication status Made in USA Product Warranty 1 year	Antenna	Fully enclosed, fixed configuration
Made in USA Product Warranty 1 year	Monitor to Gateway Ratio	
Product Warranty 1 year	Local Display	Volts, Amps and communication status
	Made in USA	Yes
Certifications UL 508A and CE, FCC and other country communications standards	Product Warranty	1 year
	Certifications	UL 508A and CE, FCC and other country communications standards



SPLIT CORE CTs

Rated / Max Amperage	Inside Diameter	External Dimensions (H x W x D)	CT Tail	CT Lead Length
15A / 18A	10 mm	39 x 23 x 26 mm	100 mm	
30A / 36A	10 mm	39 x 23 x 26 mm	100 mm	
50A / 63A	10 mm	39 x 23 x 26 mm	100 mm	
1004 / 1204	16 mm	44 x 31 x 33 mm	500 mm	
100A / 120A	24 mm	65 x 46 x 35 mm	500 mm	
200A / 240A	24 mm	65 x 46 x 35 mm	500 mm	
200A / 240A	36 mm	85 x 37 x 42 mm	500 mm	0.5 meter
	24 mm	65 x 46 x 35 mm	500 mm	
300A / 360A	36 mm	85 x 37 x 42 mm	500 mm	1 meter
	75 x 125 mm	201 x 146 x 16 mm	500 mm	1 5
400A / 480A	36 mm	85 x 37 x 42	500 mm	1.5 meters
400A / 480A	50 x 50 mm	125 x 120 x 30 mm	500 mm	2 meters
	36 mm	85 x 37 x 42 mm	500 mm	
600A / 720A	50 x 50 mm	125 x 120 x 300 mm	500 mm	3 meters
	75 x 125 mm	201 x 146 x 16 mm	500 mm	5 meters
	50 x 50 mm	125 x 120 x 30 mm	500 mm	
800A / 960A	75 x 125 mm	201 x 146 x 16 mm	500 mm	Wire harness
	150 x 150 mm	225 x 219 x 30 mm	500 mm	(See page 5 for details)
1000A / 1200A	150 x 150 mm	225 x 219 x 30 mm	500 mm	
1200A / 1440A	150 x 150 mm	225 x 219 x 30 mm	500 mm	
1600A / 1920A	150 x 150 mm	225 x 219 x 30 mm	500 mm	
2000A / 2400A	150 x 150 mm	225 x 219 x 30 mm	500 mm	
3000A / 3600A	150 x 150 mm	225 x 219 x 30 mm	500 mm	
4000A / 4800A	150 x 150 mm	225 x 219 x 30 mm	500 mm	

ROGOWSKI COILS

Max Conductor Diameter	Coil Length	Amperage	Coil Lead
68 mm (2.66")	250 mm		
147 mm (5.87")	500 mm	100A to 10,000A	2 meters
211 mm (8")	700 mm		
306 mm (12.6")	1000 mm		



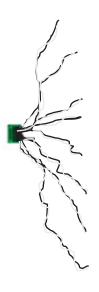
CTs sold separately



CT LEAD WIRE OPTIONS

The BGS72 supports loose CT leads at a variety of lengths as well as CT wire harnesses. Loose leads are best suited to equipment such as switchgear that has widely- or unevenly-spaced circuits. Wire harnesses are best installed with evenly-spaced breakers.

Loose Leads



Lead Wire Specifications	
24 AWG 600V twisted pair wire with quick disconnects	
0.5m, 1m, 1.5m, 2m, 3m or 5m lengths available	

Wire Harnesses

Sequential DIN

16 CT SEQ

8 CT SEQ

16 CT MID

Wire Harness Type	16 CT SEQ	8 CT SEQ	16 CT MID
# CTs	16	8	16
Length to 1st CT	495 mm	495 mm	521 mm
1st CT number	1	1	1
Length to last CT	876 mm	673 mm	521 mm
Last CT number	16	8	16
# CT Interconnect Boards	1	1	1

	24 AWG 300V twisted pair wire with quick disconnects
Wire Harness Specifications	Wire lengths and lead labels vary by harness type
,	Accommodates inline or DIN mount panels with 25 mm (1") center-to-center breakers

Monitoring Made to Measure

DESIGN YOUR BGS72 MULTI-CIRCUIT MONITOR

Customer	Panel	Qty
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Maximum Full Power CTs	Wire Exit		
□ 40 □ 48 □ 56 □ 64 □ 72	Back Opening 1.0 x 7.0" [25 x 178 mm]	opening Right Conduit Plate	☐ Right Side Conduit Plate 2 x 1.38" [35 mm] knockouts 1 x 1.10" [28 mm] knockout

Voltage Source 1	Voltage Source 2	Voltage Source 3	CT Interconnect Cable Length
□ 120-240V AC 1 Phase (2-wire LN + E) □ 200-230V AC 1 Phase (2-wire LL + E) □ 277V AC 1 Phase (2-wire LN + E) □ 200-230V AC Delta (3=wire LLL + E) □ 240/120V AC Split (3-wire LLL + E) □ 208/120V AC Wye (4-wire + E) □ 415/240V AC Wye (4-wire + E) □ 480/277V AC Wye (4-wire + E) □ V1 Lead Length: □ 3m □ 7m □m □ None Fusing: □ Fused □ Not Fused Meters Powered □ All Meters:	□ None □ 120-240V AC 1 Phase (2-wire LN + E) □ 200-230V AC 1 Phase (2-wire LL + E) □ 277V AC 1 Phase (2-wire LN + E) □ 200-230V AC Delta (3-wire LLN + E) □ 240/120V AC Split (3-wire LLN + E) □ 208/120V AC Wye (4-wire + E) □ 415/240V AC Wye (4-wire + E) □ 480/277V AC Wye (4-wire + E) V1 Lead Length: □ 3m □ 7m □ m □ None Fusing: □ Fused □ Not Fused Meters Powered Meters:	□ None □ 120-240V AC 1 Phase (2-wire LN + E) □ 200-230V AC 1 Phase (2-wire LL + E) □ 277V AC 1 Phase (2-wire LN + E) □ 200-230V AC Delta (3-wire LLN + E) □ 240/120V AC Split (3-wire LLN + E) □ 208/120V AC Wye (4-wire + E) □ 415/240V AC Wye (4-wire + E) □ 480/277V AC Wye (4-wire + E) V3 Lead Length: □ 3m □ 7m □ m □ None Fusing: □ Fused □ Not Fused Meters Powered Meters:	Indicate 1m, 1.5m, 2m, 3m, 5m or custom length for each 1 (D1)

Meter Type	1	2	3	4	5	6	/	8	9
See page 4 for CT type (split core, s	colid core or Rogowski co	oil) and amperages; if us	sing split core CTs, see p	page 5 for split core CT	lead options (loose or w	vire harness)			
СТ Туре									
CT Amperage:	A	А	А	А	А	А	А	А	А
CT Quantity:									
Split Core Loose Leads:	M	М	М	M	M	M	M	м	М
Split Core Wire Harness:									
Applies to meter #s:	□ All Meter #s	Meter #s	Meter #s	Meter #s	Meter#s	Meter#s	Meter#s	Meter#s	Meter #s

Please contact sales@packetpower.com with questions or if additional customization options are needed.



BGS72 MULTI-CIRCUIT MONITOR ORDERING INFORMATION

Packet Power's BGS72 wireless multi-circuit monitor arrives fully configured to each customer's needs. The components selected in the Configuration worksheet (page 6) result in a unique product number. Please contact sales@packetpower.com with questions or if you have any additional customization needs not shown here.

Example: 9 power meters, 1 415/240V Wye power source, 3M fused voltage leads, 2M CTIB leads, 24-200A CTs with 2M Interconnect cable leads and 1M leads, 48-100A CTs with 3M Interconnect cables and

1M leads, conduit plate wire exit

Product Number: BGS7272P-C-Y13FA-22333-P82001823-P810018456789

Wi	-	Model
X		BGS7240P
C =		BGS7248P
I (rig		BGS7256P
		BGS7264P
		BGS7272P

Wire Exit
X = Back
C = Conduit Plate (right side)

-	Voltage Source 1	V Lead 1	Meters
	S0 = 120-240V AC 1 Phase S1 = 200-230V AC 1 Phase	00 = None 0F = None,	A = All Indicate
	S2 = 277V AC 1 Phase D0 = 200-230V AC Delta	Fused 30 = 3M, Not Fused	meter #s
	T0 = 240-120V AC Split Y0 = 208-120V AC Wye	3F = 3M, Fused	
	Y1 = 415/240V AC Wye Y2 = 480/277V AC Wye	70 = 7M, Not Fused 7F = 7M, Fused	
		C0 = Custom	

CF = Custom

Meter 1

-	Voltage Source 2	V Lead 2	Meter
	Omit = None S0 = 120-240V AC 1 Phase S1 = 200-230V AC 1 Phase S2 = 277V AC 1 Phase D0 = 200-230V AC Delta T0 = 240-120V AC Split Y0 = 208-120V AC Wye Y1 = 415/240V AC Wye Y2 = 480/277V AC Wye	00 = None 0F = None, Fused 30 = 3M, Not Fused 3F = 3M, Fused 70 = 7M, Not Fused 7F = 7M, Fused CO = Custom	Indicat meter #
		CF = Custom	

	-	Voltage Source 3	V Lead 3	Meters
e s s		Omit = None S0 = 120-240V AC 1 Phase S1 = 200-230V AC 1 Phase S2 = 277V AC 1 Phase D0 = 200-230V AC Delta T0 = 240-120V AC Split Y0 = 208-120V AC Wye Y1 = 415/240V AC Wye Y2 = 480/277V AC Wye	00 = None 0F = None, Fused 30 = 3M, Not Fused 3F = 3M, Fused 70 = 7M, Not Fused 7F = 7M, Fused CO = Custom CF = Custom	Indicate meter #s

-	CT ICB Cable 1	CT ICB Cable 2	CT ICB Cable 3	CT ICB Cable 4	CT ICB Cable 5	
	1 = 1M					
	B = 1.5M					
	2 = 2M					
	3 = 3M					
	5 = 5M					
	C = Custom					

Config	Amperage	CT Lead	CTQty	Meters
P8 = Full Power	015, 030, 050 100, 200, 300	Omit = None	1-8	RA = All meters or
1-8 CTs PG = Full Power 1-8 Rogo	400, 600, 800 10X = 1000 12X = 1200 16X = 1600 20X = 2000	H = 0.5M 1 = 1M B = 1.5M 2 = 2M 3 = 3M 5 = 5M		Indicate meter #s
	30X = 3000 40X = 4000 50X = 5000 1XX = 10,000 C = Custom	C = Custom		

-	Meter 2 Config	Amperage	CT Lead	CT Qty	Meters	
	C6 = Current only	015, 030, 050 100, 200, 300	Omit = None	1-8	Indicate meter #s	
	1-6 CTs	400, 600, 800	H = 0.5M			
	P8 = Full Power 1-8 CTs PG = Full Power 1-8 Rogo	10X = 1000	1 = 1M B = 1.5M			
		12X = 1200 16X = 1600	2 = 2M			
		20X = 2000	3 = 3M 5 = 5M			
		30X = 3000	C =	For ad	ditional mete	er types,
		40X = 4000 50X = 5000	Custom	use sa	me informati Mete	on from r Type 2
		1XX = 10,000				
		C = Custom				