

# EG4 BACnet

## BACnet Protocol Implementation Conformance Statement

**Date:** 2020/12/05  
**Vendor Name:** Packet Power  
**Product Name:** Ethernet Gateway EG4  
**Product Model Number:** EG4  
**Application Software Version:** 1.20.1  
**Firmware Revision:** 1.0.8  
**BACnet Protocol Revision:** 19

### Product Description

EG4 provides access to energy and environmental monitoring data gathered by Packet Power wireless monitoring devices to BACnet-compatible client systems.

### BACnet Standardized Device Profile (Annex L):

- **B-GW** BACnet Gateway

### List all BACnet Interoperability Building Blocks Supported (Annex K)

- **DS-RP-B** Data Sharing - ReadProperty-B
- **DS-WP-B** Data Sharing - WriteProperty-B
- **DM-DDB-B** Device Management - Dynamic Device Binding-B
- **DM-DOB-B** Device Management - Dynamic Object Binding-B
- **GW-VN-B** Gateway Virtual Network “B-side”

### Segmentation Capability:

- Segmented requests supported? No. Window Size: N/A
- Segmented responses supported? No. Window Size: N/A

**Standard Object Types Supported:**

Object Name(s)	Object type	Object Instance(s)	Units	Writeable	Can COV?
Energy	Analog Input	1	Wh	No	Yes
EnergyA - C	Analog Input	2 - 4	Wh	No	Yes
Power	Analog Input	10	W	No	Yes
PowerA - C	Analog Input	11 - 13	W	No	Yes
CurrentA - C	Analog Input	21 - 23	A	No	Yes
VoltageA - C	Analog Input	31 - 33	V	No	Yes
Frequency	Analog Input	50	Hz	No	Yes
PhaseAngleA - C	Analog Input	51 - 53	deg	No	Yes
PowerFactorA - C	Analog Input	54 - 56		No	Yes
Temperature	Analog Input	60	degC	No	Yes
VAR	Analog Input	70	VA	No	Yes
VARA - C	Analog Input	71 - 73	VA	No	Yes
UpTime	Analog Input	93	s	No	Yes
Temperature0 - 12	Analog Input	100 - 112	degC	No	Yes
VDD	Analog Input	190	V	No	Yes
Humidity	Analog Input	191	%	No	Yes
Battery	Analog Input	192	%	No	Yes
DewPoint	Analog Input	193	degC	No	Yes
Pressure	Analog Input	201	mbar	No	Yes
Humidity1 - 12	Analog Input	320 - 331	%	No	Yes
Current1 - 128	Analog Input	32768 - 32895	A	No	Yes
Ah1 - 128	Analog Input	32896 - 33023	Ah	No	Yes
Energy1 - 128	Analog Input	33024 - 33151	Wh	No	Yes
Power1 - 128	Analog Input	33152 - 33279	W	No	Yes
VAR1 - 128	Analog Input	33280 - 33407	VA	No	Yes
Voltage1 - 128	Analog Input	33408 - 33535	V	No	Yes
PowerFactor1 - 128	Analog Input	33536 - 33663		No	Yes
PhaseAngle1 - 128	Analog Input	33663 - 34047	deg	No	Yes

**Data Link Layer Options:**

- BACnet IP (Annex J)

**Device Address Binding:**

- Is static device binding supported? No

**Character Sets Supported:**

- ISO 10646 (UTF-8)