Product Description

While OutBack ProHarvest inverters can operate without one, a wealth of monitoring and control becomes available when the ProHarvest communication gateway is added to the system.

The gateway communicates with local inverters over the power line by being plugged into one phase, and uses a proprietary communication method that is robust and reliable. Instigating auto-discover on the device will cause it to quickly search out newly added inverters and report back.

Once connected to ProHarvest inverters, the gateway logs data in near real time and stores it on an internal SD card. Up to 10 years of data may be archived this way. Information may be accessed through the touchscreen or over an Ethernet network. The network connection gives access to the built-in web server, allowing complete control through a web browser.

Features

- Touchscreen display
- Communication over power line with inverters
- Local LAN Ethernet connection
- SD card storage of up to 10 years of data
- Diagnostic USB port may be used to power other devices
- For indoor use only

Model	PROGW-A-120	PROGW-A-277
AC Input Voltage	**Minimum**: 100V **Nominal**: 120V **Maximum**: 135V	**Minimum**: 244V **Nominal**: 277V **Maximum**:305V
AC Frequency	**Minimum**: 59.3Hz **Nominal**: 60Hz **Maximum**: 60.5Hz	**Minimum**: 59.3Hz **Nominal**: 60Hz **Maximum**: 60.5Hz
Operating Ambient Temperature Range	-20 to 50℃	-20 to 50℃
Power Consumption	**Typical**: 1.5W **Maximum**: 4W	**Typical**: 1.5W **Maximum**: 4W
Mounting/Environmental Rating	Indoor, NEMA 1	Indoor, NEMA 1
Memory Card	SD compatible, 4-32GB tested, FAT32 formatted	SD compatible, 4-32GB tested, FAT32 formatted
Communication	Proprietary power line communication	Proprietary power line communication
LAN Ethernet Connection	10/100BASE, RJ45 8P8C modular plug	10/100BASE, RJ45 8P8C modular plug
USB Port	ProHarvest diagnostic port, may be used to power low-power external devices (5V, <400mA)	ProHarvest diagnostic port, may be used to power low-power external devices (5V, <400mA)
Warranty	Standard 10-year, optionally extendable	Standard 10-year, optionally extendable
Certification/Communications Gateway	UL 60950-1, CSA C22.2 No. 60950-1, FCC Part 15	UL 60950-1, CSA C22.2 No. 60950-1, FCC Part 15
Weight	1.3lbs	1.3lbs
Dimensions H x W x D (in/mm)	**Mounting plate**: 7.5 x 4 / 190 x 101 **Enclosure**: 5.5 x 4.75 x 1.5 / 140 x 121 x 38	**Mounting plate**: 7.5 x 4 / 190 x 101 **Enclosure**: 5.5 x 4.75 x 1.5 / 140 x 121 x 38

Ordering Guide

Item	Part Number	Description
Communications Gateway	PROGW-A-120	**Communication gateway**—PROGW-A communication gateway. Includes Ethernet cable and memory card for logging and storage of results. Includes compatible 6ft, 120VAC gateway cable with grounded US AC plug.
	PROGW-A-277	**Communication gateway**—PROGW-A communication gateway. Includes Ethernet cable and memory card for logging and storage of results. Includes compatible 6ft, 277VAC gateway cable.