



**proharvest**<sup>™</sup>  
by OutBack Power

## Communication Gateway PROGW-A-120 & PROGW-A-277



### 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

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.



Model	PROGW-A-120	PROGW-A-277
<b>AC Input Voltage</b>	Minimum: 100V Nominal: 120V Maximum: 135V	Minimum: 244V Nominal: 277V Maximum: 305V
<b>AC Frequency</b>	Minimum: 59.3Hz Nominal: 60Hz Maximum: 60.5Hz	Minimum: 59.3Hz Nominal: 60Hz Maximum: 60.5Hz
<b>Operating Ambient Temperature Range</b>	-20 to 50°C	-20 to 50°C
<b>Power Consumption</b>	Typical: 1.5W Maximum: 4W	Typical: 1.5W Maximum: 4W
<b>Mounting/Environmental Rating</b>	Indoor, NEMA 1	Indoor, NEMA 1
<b>Memory Card</b>	SD compatible, 4-32GB tested, FAT32 formatted	SD compatible, 4-32GB tested, FAT32 formatted
<b>Communication</b>	Proprietary power line communication	Proprietary power line communication
<b>LAN Ethernet Connection</b>	10/100BASE, RJ45 8P8C modular plug	10/100BASE, RJ45 8P8C modular plug
<b>USB Port</b>	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)
<b>Warranty</b>	Standard 10-year, optionally extendable	Standard 10-year, optionally extendable
<b>Certification/Communications Gateway</b>	UL 60950-1, CSA C22.2 No. 60950-1, FCC Part 15	UL 60950-1, CSA C22.2 No. 60950-1, FCC Part 15
<b>Weight</b>	1.3lbs	1.3lbs
<b>Dimensions H x W x D (in/mm)</b>	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	<b>Communication gateway</b> —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	<b>Communication gateway</b> —PROGW-A communication gateway. Includes Ethernet cable and memory card for logging and storage of results. Includes compatible 6ft, 277VAC gateway cable.

