![evoqua WATER TECHNOLOGIES]

DISPLAY BOARD FOR G2 POWER CONTROLLERS

DISPLAY BOARD — IP-POWERSP-G2

The G2 display unit is designed to independently control 1 – 16 G2 power controllers (rectifier) allowing for optimal performance of each CEDI module integrated into your water system.

MONITOR AND CONTROL

The LCD display provides access to vital CEDI performance information including module power conditions, electrical resistance and alarm set points. This information allows users to access vital operational parameters and possible service requirements.

ADVANCED FEATURES OF THE G2 POWER CONTROLLER ACCESSED BY THIS DISPLAY INCLUDE:

- 60-day running log of each module electrical resistance, amperage and operational hours
- Real time feed power conditions
- Real time power output conditions
- Maximum and minimum board conditions including power input, output, resistance and board temperature
- Module electrical resistance percent change from start-up
- Analog I/O conditions for PLC
- Monitor board alarm conditions

G2 Display Features

- Simplify system design by controlling 1 – 16 individual G2 Power Controllers
- G2 Power Controllers solid state rectifier for single phase 200 – 600 VDC
- National Electrical Manufacturers Association – NEMA 4 rated*
- RoHS, CE Compliant, UL recognized component
- Easily connected and powered via a single Ethernet (CAT6) cable
- Password protections for menu and setting levels
- Firmware upgradable

For additional information on our CEDI modules and power components call +1 866.876.3340 or visit our website at www.ionpure.com.

*When installed in NEMA 4 or NEMA 12 panel enclosure.

Physical Specifications

Size (W x H x D)	4.875 x 4.875 x 1.81 in.
Panel Cutout Size (W x H)	4.13 x 4.13 in.
Enclosure	Aluminum panel/Plastic bezel
Mounting	Panel
Power Requirements	Less than 2 Watts. Powered by DC Power Controller via Ethernet cable

Hardware

Screen Type	LCD dot matrix
Screen size (W x H)	2.992 x 0.992 in. — 4 rows/20 characters
Screen Color	White text — blue backlight
Ports	2x RJ45
Buttons	4x Tactile membrane switches (UP, DOWN, ESC, ENTER)

Order Information

Model #	Catalog #	Description
IP-POWERDSP-G2	W3T388689	Display board for G2 Power Controllers
IP-POWER600-G2	W2T388687	G2 DC Power Controller

Accessories

Model #	Catalog #	Description
IP-CABLE50CM-G2	W2T394491	1.6 ft (50 cm) Ethernet cable
IP-CABLE2M-G2	W2T394495	6.5 ft (2 m) Ethernet cable

G2 DISPLAY WITH ETHERNET CABLE (NOT SUPPLIED)

REQUIRED G2 POWER CONTROLLERS (RECTIFIER).