



Commodity Description

Description	Unit	Quantity
PG Hydrogen Generator	set	1

A. Models

1. PG Hydrogen Series (Model PGH2-100/160/250/300/500/600)

B. Specifications

1. PG Hydrogen Series

1) Max Flow rate:

Model PGH2-100	0-100 cc/min at STP
Model PGH2-160	0-160 cc/min at STP
Model PGH2-250	0-250 cc/min at STP
Model PGH2-300	0-300 cc/min at STP
Model PGH2-500	0-500 cc/min at STP
Model PGH2-600	0-600 cc/min at STP

*STP: *Standard temperature and pressure: (20°C / 1 bar absolute)*

2) Outlet Pressure: Max. 7 bar (100 psi)

3) Purity: 99.999%

4) Cascading: From the model PGH2-250

5) Dryer Membrane: Dryer Cartridge

6) Input voltage: 120 or 240V / 50-60Hz-selectable

7) Display: Graphic display, 128 x 64 pixels

8) Operating conditions:

- Temperature: 15°C to 40°C (59°F to 104°F)
- Relative humidity: 0-80%, non condensing

9) Storage Temperature: 2°C to 60°C (35°F to 140°F)

10) Dimensions: 230 x 355 x 410 mm (WxDxH)

11) Electrolysis Cell: Membrane Type

12) Weight(Dry):

Model PGH2-100/160/250/300	17.5 Kg
Model PGH2-500/600	19 Kg



13) Power Consumption:

	BTU/hr
Model PGH2-100	090 VA
Model PGH2-160	115 VA
Model PGH2-250	160 VA
Model PGH2-300	200 VA
Model PGH2-500	300 VA
Model PGH2-600	340 VA