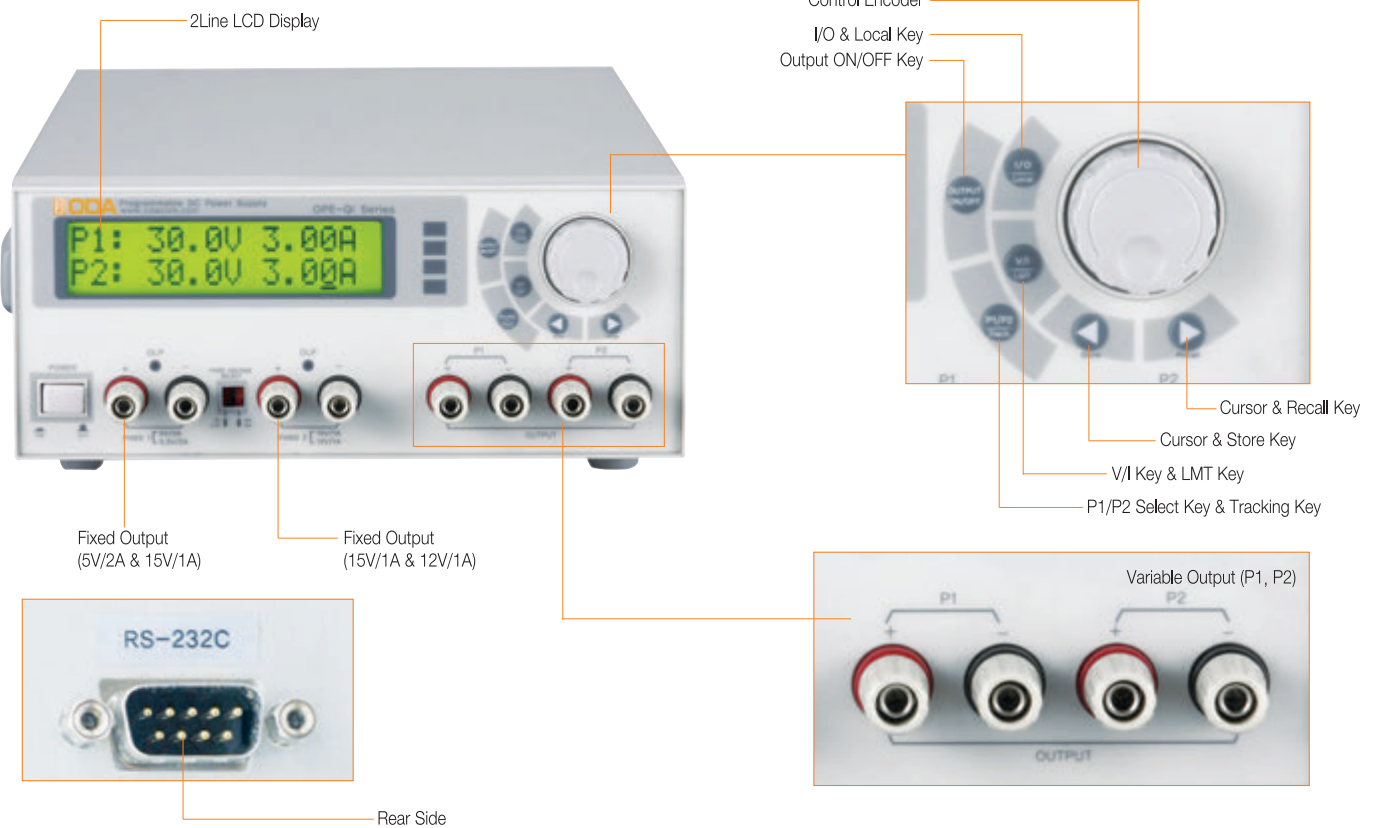


OPE-QI Series

Economical and Isolated Type Programmable DC Power Supply with 4 channels Manufactured Using the Highest Technology.



- Inexpensive Programmable DC Power Supply
- CV / CC Mode
- Provide variable output for both isolated output DC power
- 5V/2A & 3.3V/2A Selectable fixed output
- 15V/1A & 12V/1A Selectable fixed output
- Provide Output ON/OFF Function
- Provide Tracking Mode (controlling 2 output channels at the same time)
- Save and recall up to 5 entries for active state (voltage, current)
- Slim size 19inch half X 2U (for units up to 300W)
- RS-232C Basis embedded (RS-485 Optional)



TRACKING MODE

It has the ability to control two channels simultaneously.

If you are currently using a single channels power supply for each producer in your mass production system, consider switching to our two channels power supply with tracking mode. The press of one button, without setting voltage, enables two channels to be linked together—enabling configuration of voltage, current.

STORE / RECALL

OPE can store and recall voltage & current channels simultaneously. set by the user.

Even if you are not a professional engineer, you can easily utilize OPE for production and products inspection, reliability testing, etc. By using your own preset numbers using our store and recall function.

OPE Series Communication Interface

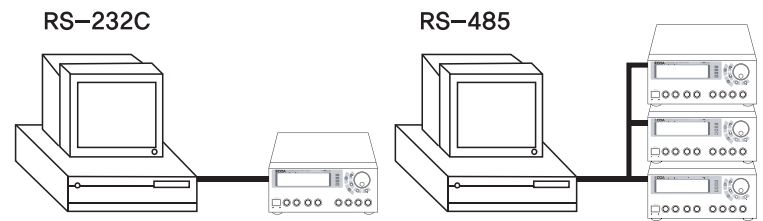
OPE Provides an RS-232C communication Interface.

(RS-485 optional)

It enables many functions such as control and data collection through PC, PLC, etc.

Our company adopted SCPI standard programming language for our products for easy application.

It also allows for easier construction of new systems.



	OPE-185QI	OPE-303QI	OPE-305QI	OPE-503QI
Output rating	0~±18V, 0~5A 2CH	0~±30V, 0~3A 2CH	0~±30V, 0~5A 2CH	0~±50V, 0~3A 2CH
Resolution				
Programming/Readback	≤ 6mV / ≤ 1.5mA	≤ 7.5mV / ≤ 1mA	≤ 7.5mV / ≤ 1.5mA	≤ 15mV / ≤ 1mA
Display Meter	100mV / 10mA	100mV / 10mA	100mV / 10mA	100mV / 10mA
Programming Accuracy(@25℃ ±5℃)±(%of output + offset)				
Voltage	0.2% + 120mV	0.2% + 200mV	0.2% + 200mV	0.2% + 300mV
Current	0.2% + 25mA	0.2% + 15mA	0.2% + 25mA	0.2% + 15mA
Read-Back Accuracy (@25℃ ±5℃)±(%of output + offset)				
Voltage	0.2% + 120mV	0.2% + 200mV	0.2% + 200mV	0.2% + 300mV
Current	0.2% + 25mA	0.2% + 15mA	0.2% + 25mA	0.2% + 15mA
Ripple & Noise	≤ 2mVp-p, ≤ 2mArms	≤ 2mVp-p, ≤ 2mArms	≤ 2mVp-p, ≤ 2mArms	≤ 3mVp-p, ≤ 2mArms
Voltage Programming Speed(No load)				
Rising time	≤ 40ms	≤ 40ms	≤ 40ms	≤ 70ms
Falling time	≤ 1.2s	≤ 1.2s	≤ 1.2s	≤ 1.5s
Dimension(W x H x D / mm)	213 x 88 x 362	213 x 88 x 362	213 x 88 x 362	213 x 88 x 362

	OPE-802QI	OPE-1001QI	OPE-1201QI	OPE-1501QI
Output rating	0~±80V, 0~2A 2CH	0~±100V, 0~1A 2CH	0~±120V, 0~1A 2CH	0~±15V, 0~1A 2CH
Resolution				
Programming/Readback	≤ 30mV / ≤ 0.8mA	≤ 40mV / ≤ 0.5mA	≤ 50mV / ≤ 0.5mA	≤ 50mV / ≤ 0.5mA
Display Meter	100mV / 10mA	1V / 10mA	1V / 10mA	1V / 10mA
Programming Accuracy(@25℃ ±5℃)±(%of output + offset)				
Voltage	0.3% + 500mV	0.5% + 800mV	0.5% + 900mV	0.5% + 900mV
Current	0.2% + 15mA	0.2% + 15mA	0.2% + 15mA	0.2% + 15mA
Read-Back Accuracy (@25℃ ±5℃)±(%of output + offset)				
Voltage	0.3% + 500mV	0.5% + 800mV	0.5% + 900mV	0.5% + 900mV
Current	0.2% + 15mA	0.2% + 15mA	0.2% + 15mA	0.2% + 15mA
Ripple & Noise	≤ 6mVp-p, ≤ 2mArms	≤ 0.01% mVrms, ≤ 2mArms	≤ 0.01% mVrms, ≤ 2mArms	≤ 0.01% mVrms, ≤ 2mArms
Voltage Programming Speed(No load)				
Rising time	≤ 70ms	≤ 70ms	≤ 70ms	≤ 70ms
Falling time	≤ 1.2s	≤ 1.2s	≤ 1.2s	≤ 1.5s
Dimension(W x H x D / mm)	213 x 88 x 362	213 x 88 x 362	213 x 88 x 362	213 x 88 x 362
Common detail	3,3V or 5V/2A, 12V or 15V/1A Fixed output			
	19 inch half x 2U size : 213mm(W) x 88mm(H) x 362mm(D) ** RS-232C			
OPTION	Rear output, AC Input(AC100,AC110,AC230), RS-485 Communication, RS-232C Cable, RS-485 to RS-232C Converter Analog Programming, V-Sensing, OVP, OCP, Rack Mount Kit			