

Programmable Multiple channel Linear type DC power supply

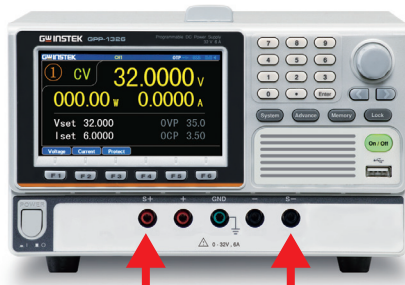
GPP-Series Multi-Output Programmable D.C. Power Supply

Setting Resolution: 1 mV / 0.1 mA *

Low Ripple Noise: $\leq 350 \mu V_{rms} / \leq 2 mArms$

DC Electronic Load Function (CC, CV, CR Mode)

Single-Output
GPP-1326



+Sense terminal - Sense terminal

Dual-Output
GPP-2323



Three-Output
GPP-3323



USB Type output terminal

Four-Output
GPP-4323



Power Mode

Model	GPP-4323				GPP-3323			GPP-2323		GPP-1326
Channel	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2	CH1
Voltage	0-32V	0-32V	0-5V	0-15V	0-32V	0-32V	1.8/2.5/3.3/5.0V	0-32V	0-32V	0-32V
Current	0-3A	0-3A	0-1A	0-1A	0-3A	0-3A	5A max.	0-3A	0-3A	0-6A
Series	0-64V / 0-3A				0-64V / 0-3A			0-64V / 0-3A		
Parallel	0-32V / 0-6A		----		0-32V / 0-6A			0-32V / 0-6A		----

Features

- CV/CC Multiple-DC power supply, Each Channel are isolated.
- Output on/off: All channel ON/OFF and each channel ON/OFF can be controlled separately
- DC Load Function: CH1 / CH2 workable in DC Load Mode(CC, CV, CP mode)
- Various Function: Sequential Output(CH1 / CH2), Delay Output(CH1 / CH2), Output Monitoring*, Output Recorder* Function
- Tracking Mode: Series/Parallel connection(CH1 / CH2)
- Memory: 10 groups of Save/Recall settings and 2 groups of power-on settings.
10 groups Sequence function, 10 groups Delay function, 10 groups Record function.
- Various Display mode: 7 types of display modes(5 contents and 2 waveforms respectively)
- Protection: OVP/ OCP/OTP, Polarity Reverse Protection, Overload Protection, and OPP in Load mode
- Low noise, thermostatically controlled fan
- Interfaces: standard: RS232, USB, Ext I/O, optional**: GPIB&LAN, LAN

*: Exclude GPP-3323 CH3 **:Option: Manufacturer installed only

Function List

Models	GPP-4323			
	GPP-3323			
	GPP-2323			
	GPP-1326			
Functions	CH1	CH2	CH3	CH4
Sequence Output function	✓	✓		
Load Functions(CC, CV, CR mode)	✓	✓		
Output Delay function	✓	✓		
Output Monitoring Monitor(10 sets)	✓	✓	✓ (GPP-3323 not supported)	✓
Output Recorder Function	✓	✓	✓ (GPP-3323 not supported)	✓
Panel Save/ Recall	✓	✓	✓	✓

DC Electronic load function : CH1, CH2

The CH1/CH2 of the GPP series are designed with the DC load function.

Channel 1 and channel 2 not only provide power output but also feature built-in DC load function such as Constant Voltage load (CV), Constant Current load (CC) and Constant Resistance load (CR) function.



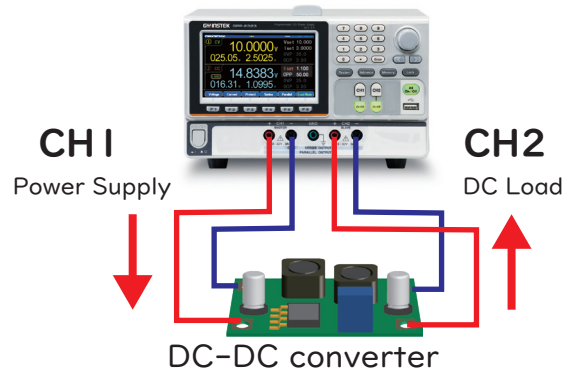
LOAD Load Icon

CH1 and CH2 DCLoad Mode Specification

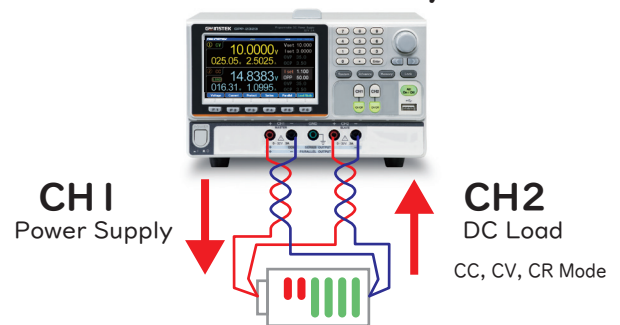
Display	Voltage	1 - 33.00 V
	Current	0 - 3.200 A (GPP-1326: 0-6.200 A)
	Power	0 - 50.00 W (GPP-1326: 0-100.00 W)
CV Mode	CH1/CH2	1.50V - 33.00 V
	Setting/Readback accuracy	≤0.1% + 30 mV
CC Mode	CH1/CH2	0 - 3.200 A (GPP-1326: 0 - 6.200 A)
	Setting/Readback accuracy	≤±0.3% + 10m A
CR Mode	CH1/CH2	1 Ω - 1 kΩ
	Setting/Readback accuracy	≤±(3%+1Ω) (voltage≥0.1V, and current≥0.1A)

Example:

DC-DC converter Test

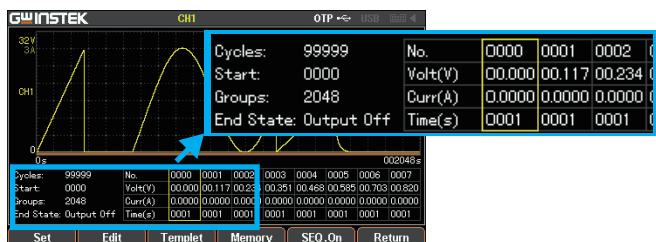


Charging and discharging small batteries and battery cells



Sequence function : CH1, CH2

You can easily create the sequence of OUTPUT Voltage or Current value or CV, CC value of DC load mode using a built-in template also set the steps manually.



Cycles: 0 to 9999 or Infinite.

Start: 0 to 2047, Groups: up to 2048 for Start+Groups

Execution duration of each group. Range: 1s - 300s

End Status : output termination or being hold with the last step

Europe Subsidiary

GOOD WILL INSTRUMENT EURO B.V.

De Run 5427A, 5504DG Veldhoven, THE NETHERLANDS
T +31 (0)40-2557790 F +31 (0)40-2541194

Email: sales@gwinstek.eu

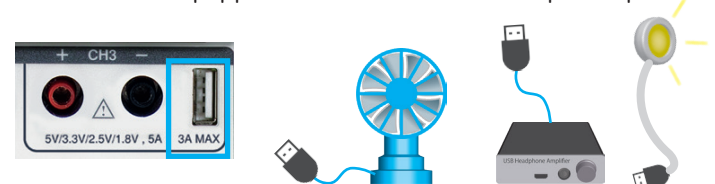
English Web: www.gwinstek.com/en-GB

German Web: www.gwinstek.com/de-DE

USB OUTPUT terminal: GPP-3323 only

You can connect the USB device directly.

GPP-3323 is equipped with USB terminal Shape Output.



Output: 1.8V/2.5V/3.3V/5.0V, ±0.35V, 3A max.

USB terminal shape, Non-communication port.



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